

St. Joseph's Church.

Schenectady, N. Y., October 22^d 1891

Prof. Dr. S. Watson,
Cambridge Mass.

Kind & Dear Sir:

By to-days mail I sent you a package of bot. specimens, found near here and not recorded in the Manual. Xanthus Deltoides L. is found here and in Rensselaer Co. N. Y. - Trape natans L. is very abundant in Collins' Lake near the City. Grayrochia Frankii record. in the Man. S. Penn. to Kans. grows here on Banks of the Mohawk. Artemisia serrata Nutt. is also found on the Mohawk. How Minulus moschatus Dougl. got there, I do not know, but it is surely well established and very abundant for a mile long. Please, let me know or enclosed Postal, what you think of the Asters from Nebraska and the Cordium from Onondaga Falls.

Yours Respectfully J. H. Wibbe.

Planted Findlums,
and some other brochures
thrust from our mutual
friend. Dr. Farrer for all
of which kindly accept
my best thanks. I am
now on the way of proving
for a few weeks to Scot-
land and do not feel
quite certain of being able
to send you a complete
copy of my Scores before
starting but will feel
disappointed if I fail
in sending you the
first five volumes
the copy sent being one
which I had put up
for myself a few days

before leaving Madras,
under the fear that my
working copy might
be long of coming - a
fear which proved but
too well founded as
it has only now come
to hand & I disengaged the
one now sent to you,
all except the last part;
of which, so far as I yet
know, I have not a
duplicate for my own
use. This information
will account for my
name appearing on the
fly leaf of each of the
volumes. I was glad
to learn that your views
(those of a thorough practical
Botanist) coincide with
mine in regard to the

a steady workman when once
started on an undertaking but
then the business to, in his case, to
get up the steam!

In regard to the Order of Bursera
by Arncliffe has Botany had a
holiday with me that I do not
know what Miers has been doing
with it. He once endeavored to make
me understand his views on the
arrangement of some of these allied
Orders in the course of a ramble
we were having together in
Richmond Parks but somehow
we parted without coming to a
conclusion and I have not since
then returned to the subject &
now that we are located 40 miles
apart our facilities of intercourse
are limited to occasional meetings
at the Luncheon during which we
generally find new subjects to talk
about. It is I think about six weeks
or two months since Mr. Brand
one of his daughters paid me a visit
he was then well preparing in
the receipt of nearly daily good accounts
of Mrs. W. who had just gone to Folkestone
and was deriving digested benefit
from the change. I have not
heard from him for ~~in~~ about a
month now but believe they
are all well. What a truly

by Reading - Berkshire
Gravelly Lodge 1st September
1854

My Dear Dr. Gray

It is now some
weeks since I received your
letter of the 20th June but only a
few days since the Botany of the
Exploring Expedition arrived
I waited for the latter previous
to acknowledging the former.

Accept my many and most
cordial thanks for both. It does
a Botanist's heart good to see
the way you are going a head
in the new world we long
you had fair to cast we old ones
far into the shade. As long
so far as I see Botany seems
for the present to be almost
at a stand still, a sentiment
however which I should feel
almost afraid to utter on

on this side the water as I fear
it would be not too truly met
by the retort - that I suppose meeting
other people's coin ~~and~~ ^{by} my.
Now measure a retort will
calculated to silence tho' perhaps
hardly to convince the grumbler
that he was altogether in the
wrong. Since coming here
nearly a year ago I must
confess I have done next to
nothing botanically having
found ample occupation of
a congenial sort what has left
little time for Botany. In a word
I have felt in my old age all
the enjoyment of the school boy
during holidays and in like
manner as he during school
times quietly deposits his books
on the shelf so have I my
specimens & apt now and
then when some occasional
monographist applies to me
for specimens of such or other
as he may chance to be

laborating. In this way I have
have been doing a little good
not much. Since the receipt of
the "Botany" it has occurred to me
that probably a series of authentic
specimens of my Myrtaceae so
far as I had them to spare wd
be both acceptable & useful. Hence
therefore I shall try to select in
the course of the next week &
send along with specimens of
Bursinopetalum. Dr Hooker has
just written to say he is to pay me
a hurried visit in the course of a
day or two so I shall arrange
with him about sending them
and if there are any other orders
on which you are already engaged
or are about to work but where
you think my materials can
be of service let me know and
I shall have much pleasure
in doing what I can to aid you.
I hope soon to re-embark on the
Prodrum but would like in
the first instance to be joined
secure Arnott's cooperation as he
not only a most able Botanist but
also

patient mean he is the
worthy head of a most excellent
& charming family.

My chance of you or Dr
Lorry crossing the Atlantic, if
so I need not say that I shall
feel greatly disappointed
if I have not the pleasure of
making the personal ac-
quaintance of the one and
renewing that of the other.

I am now very comfortably located
with room enough to admit
of my enjoying the company
of more than one friend at
a time. I must now bid
you adieu and with many
thanks for the present volume
I shall move for the coming
Atlas volume.

Ever very truly yours

To
Dr. Asa Gray
P.S. our
Wright

11 Sept

I have written the
above I had a visit from
Dr Hooker who was I am happy
to add well & hearty. Dr
Thompson his 'Coarptor' in
the Flora Indica is appointed
to succeed Dr Falconer in
the charge of the Calcutta
Garden. I hasten to bring
this to a hurried close
as I have just got bad
news from Scotland which
calls for my immediate
departure to the north. As
I wish Glasgow I hope to
have the pleasure of meeting
Dr Arnott and I hope
arranging with him
for the continuance of
the prodrromus. Again
adieu ever yours R.W.

be said for him. Ward himself is
getting better but he too is beginning to
look much older than he did a
few years ago, so much so that
last time I see him, I wish I could
give him a new lease of life to last
for at least other 20 years without
his getting older all that time
as I can't help thinking it is a
pity so thorough fact I am able
a man should grow old under
100 at the very least. The Linnian
I am happy to tell you is getting on
most gloriously we have more
more papers than we can find
time to read so to enable us to
keep them within bounds meet
half an hour earlier each evening
The number of Fellows too is rapidly
increasing so I hope we shall be
long be able to double the size of our
Journal. Adieu and with kind
regards to Dr. W. & the dear ones
I am very truly yours
Robt. Night

Gray's Lodge Reading
12th December 1854

My Dear Sir

I feel that I have
been early omis in my
correspondence with you and
unfortunately not worse with
you than with many other equally
highly esteemed friends. For some
time back ^{however} it seems to me
I have, almost unobserved in
by myself, been turning over
a new leaf and I sincerely
hope the turn may ^{long} be completed
and continue so. I have been
been reproaching myself for not
acknowledging your various
contributions to my library and
I fear I may even add your
last letter though I hope that is
not the case.

I now sit down to acknowledge the receipt, three or four days ago, of your glorious Atlas but a splendid work and the plates most admirably executed - nothing indeed can be better - If it has a fault it is that of being too good seeing that such noble works have most unhappily but a limited circulation. I feel delighted at being, through your kindness, in possession of the volume.

I have, after allowing my plants to enjoy a quiet rest in their cabinet, sheltered of nearly four years, begun again to disturb their repose and hope they may soon again during my life time enjoy such another rest - My first object ~~is~~ to provide Dr Hooker with a set of our Southern perennular Balsams

and Cucurbits and when doing so will at the same time lay out a few spare sets for my more remote friends, among whom your name ranks high in the list - These will be followed by Euphorbiaceae of which I am about to select a set for Alph. Blandville to aid him in his monograph for the Prothonotary and other ^{families} I am sure will soon follow.

In the matter of news or gossip I live so much out of the world here that I think I may safely say I know almost nothing of what is going on in the world around except what I learn from the newspapers - I write to the Librarian last week & there met Lady Dr Hooker, Dr Harvey - I want all friends believe of yours - Poor old Mr Ward still lingers on this side of time here and that is about all that can

like an intelligible elucidation of its principles - In the perusal of the original work I failed to catch the Authors spirit and got tired of the book long before I got to the end of it, but whether the fault lay with the unpreparedness of the reader or the heavy obscure style of the writer is not for me to determine; but of this I am certain that I have seldom read a book with less relish and I know that in this I am not singular, several of my friends having made the same complaint a fact which probably, to some extent, accounts for the blunders of reviewers who have jumped to conclusions, skipping I fear, in some cases, the bigger half of the book in doing so. But in truth readers can scarcely be much blamed if the fault lies altogether at their door, for it is no easy matter all at once to grasp the great ideas embodied in a volume the result of 20 years study and reflection on ^{an} all absorbing subject.

The perusal of your masterly review of both the book and its successors

Gray's Lodge Reading 30th March 1861.

My Dear Sir

I feel at a loss how to begin this letter for I have been so long reproaching myself for not writing that to tell the honest truth I somehow feel ashamed to do so.

Last successive receipt of some useful contribution from your faithful pen and clear head - of which I have occasion to acknowledge, has elicited fresh resolutions of amendment but only like their predecessors to be broken! Having at length however got my pen fairly in hand albeit now getting old and rusty I shall hope still to be able to make it finish this letter at all events and then I shall live in hope for future ones. The matter (to continue the metaphor) which has at length stirred its sluggish energies was the perusal of your Capital

"Examination of Darwin's Treatise" one
~~one~~ of the most brilliant morceaux
I have read for a long time - A copy
of it reached me a few days ago
forwarded by Mr Darwin himself, at
least "C Darwin" was inscribed on
the corner of the envelope - I had heard
of the review before from our good
Excellent friend Ward - Who by the
way was spending a week with me
here for the benefit of his health when the
brochure arrived - but had not seen
it. I had no time in reading it and
have been so since, I think now nearly
a fortnight, turning the subject over
& over again in my mind, every
now & then having a fresh look at some
of the points which attracted my at-
tention at first, some with increasing
appreciation but others - What shall I
say? that I repudiate them or rather confess
that I do not understand them they go so
far beyond my ^{in my word} ~~mind~~ the inquiry at
last becomes metaphysical and I have
no head for metaphysics; in truth these

matter of fact days are not suited
to such mental wanderings - The time
has been when learned men endowed
with more imagination than sound sense
wrote big books to prove how many
Angels could dance on the point of a
needle but happily those days are
long gone by and my own feeling
is one of deep sorrow that Darwin
should have gone so much out of his
depth as to run up a metaphysical
question utterly beyond the reach of
human reason with our every day
natural history - And yet I don't think
I should say I am sorry perhaps I should
rather rejoice considering the way he
has done it for in truth it is one that has
always been floating amongst us driven
first one way then another according
to the fancies of each man who treated
on its consideration. But be that as it
may, let me beg of you to accept my
most cordial thanks for the pleasure and
satisfaction I have derived from your
exposition of the theory which is the only
one I have seen which seems to give
any thing

venture to grapple with the metaphysical
question Whence came all these wonder-
fully varied and exceedingly perfect &
beautiful forms each so admirably adapt-
ed to perform the part assigned to it on
scale of nature? I feel that we at once
plunge into a labyrinth which has no
end and from which human reason
can no more ^{extricate us} than it can enable us
to say what is life. It may be the
non-metaphysical character of my
mind which disqualifies me but I
honestly confess that the utmost stretch
of my imagination does not enable
me to comprehend the theory of derivation
when carried out to its consequences
as stated in the three extracts at the
head of your "second article" namely
that all animals & plants are respectively
derived from 4 or 5 progenitors: and still
less can I comprehend the probability
of all organic beings, which have ever
lived on this earth, being descended
from some one primordial form
into which life was first breathed &

and then left to work its way onwards and
onwards through ever changing forms
until it has clothed the earth's surface
and filled its waters with organic life
presenting almost every imaginable form
from the monad to the elephant & great tree
and range of duration from a few hours
perhaps minutes, to thousands of years: each
of these innumerable & ^{diverse} forms capable
of reproducing itself and continuing the
form through myriads of generations.

This grand idea or view of life I acknowledge my mind is incapable of grasping
neither can I see what philosophy gains
by the assumption that all organic beings
are descended from one or a few progenitors.
Surely there is no difficulty in supposing
that the first cause whatever that may
be, but which we designate the deity
or God, could create 1000 or a million
of such "primordial forms" and breathe
life into all of them quite as easily as
into one, imparting to each such power
of growth, reproduction, & duration that
each should assume a determinate form
and become what we call a species not
perhaps so immutable as we short sighted
naturalists

generators into which life had been breathed
by the Creator. Upon the whole much as
I esteem Mr Darwin, and admire your
lucid exposition of his theory I cannot after
the best consideration I have been able to give
to the subject accept his theory simply because
to my mind it is less philosophical than the
one it proposes to supersede.

I must now hasten to a conclusion. In asking
you to read this long letter on a subject which
in the multiplicity of your engagements
is likely ere this time to have become stale
or even well nigh, have escaped your memory
I fear you will consider me a regular
bores. Indeed the only excuse I can offer for
so doing is the desire, which has been long
cherished in my mind, to assure you how
much I regret the interruption in our inter-
course caused by my own idleness. Under
this feeling I have been looking out for an
excuse for writing and gladly availed
myself of the subject so ably discussed in
the brochure which Mr Darwin so kindly
forwarded, and hope that I have not utterly
exhausted your patience. I am glad to tell
you that our friend Ward, ^{who} left us a week ago,
is much improved by his visit to Gravelly Hill and
to Remondy where kindly when I wrote
to him I was going to do.
After a cold winter is at last passing into spring
but hardly genial spring cold yet. Adieu
Ever truly yours
J. H. Gray

Robt Wright

If, I repeat, such be the true interpretation
of the dogma or principle these words are
intended to convey, then I am quite con-
tented to let those who like it rejoice
in its adoption, preparing for myself
the good old axiom enunciated by
that most profound Philosopher Moses
"God Created" asking no questions as to
either the how or the why, but always
admiring the perfection & fitness for their
object of the things created. I find myself
the more readily adhering to these old
fashioned ideas by imagining that the
Natural Selection principle is at fault
in one point that is in the matter of
the vast numbers of the largest and
most powerful animals & plants having
become extinct species or forms, leaving
only a puny dwarfish progeny to supply
their places in the series, the themselves
apparently, well fitted to hold their own
against all comers and so retain
their places through all the revolutions
of the Earth's surface to the end of Time

14th April. I wrote the preceding on Saturday and then laid aside my old ~~stump~~ pen which seemed quite exhausted by so successful an effort the like of which it has not been called upon to make for years!! On reading over this morning what I had written I felt better pleased with it than I expected for I find that I do not absolutely question the doctrine of mutability of species - if we may still use that term, which for the present seems doubtful - though I cannot accept of it to the extent required by the theory, not because I think Darwin's views contrary a ^{very} noble conception of the power of the Deity, which stood upon as nonsense, but because I cannot discover what either Philosophy or Physiology gains by accepting them. Naturalists may no doubt do err greatly in restricting the doctrine of mutation within such narrow limits. But on the other hand I look upon it as next to impossible for even the well educated human mind to grasp the extraordinary idea of Infusoria, in course of time, however long, becoming in its successive generations transformed

^{the whole or} into an Elephant; or a Byperus into an Oak or ~~Palma~~ and if these examples do not convey the proper idea of what is meant by the primordial form or form what does? We know that an almost Microscopically invisible spore contains the vital germ which placed in suitable circumstances will produce a Cryptogam it may be a moss mould, or a great fungus, or a magnificent tree fern, according to its parentage but not according to the circumstances in which it grows. In like manner a grain of pollen may if properly nurtured become a minute rush or a gigantic Oak, but two grains from the same anther cannot become both; treat them how you may, it will only reproduce the parent form and that through a succession of millions of generations. And when mutations occur, which they certainly often do, who can say that they are such as to remove the plant from one class or order to another - A Monocotyledon does not become a dicotyledon nor a Ranunculus a Rose but only a modified Ranunculus. A Spermatogon becomes an animal but always resembles the parent nurse it as you will, that of a fish or a bird does not become a mammal. Hence I fear that if the mind cannot grasp the full meaning of the term of a hundred million years still less can it grasp the idea of all organic forms having descended from one or a few pro-

Hoping this long letter has not
bored you

P.S. this *Leuzea* s.

Yours truly
Wm. E. Wilson
Apprehensive

Boise Banacks
Boise City Idaho
May 29 1881

Prof Watson

Yours of the 19th with
determinations is at hand - for which
please accept my grateful acknowledg-
ments - I send you by to day's mail
a few bulbs of, I think, *Oreogon*
They were obtained by digging where
I know the plant grows in great
abundance - Perhaps you may care
to plant them and will succeed
in growing them - Since they follow
the retreating snow, would it not
be well to water with ice-water?
This is my "*Oreogon*" of which some
specimens had the leaf 
The bulbs were more round than
the one figured in *Reinard King's Rep.*
Thanks for your suggestion which oblige

Wilson

(the Rap)

ed it for me from Chief of Engineers
I send you duplicate specimens
of everything that grows in this loc-
and intend to always include fruiting
species - It appears to me that you
have determined all the Umbelliferae
sent - The fruiting and flowering spec-
imens not being in the same place
Do you wish the fully matured
fruit of them as well as the Aetageae
li?

I hope to visit the Salmon River
Mts next month - but it is diffi-
cult for us to get out without
authority from Washington -
word from such scientific men
as yourself would do more than
all the requests we could make
I am greatly interested in Botany
as well as Zoology and Ornithology
and eagerly embrace every opportunity
for study - I have been working in
this line for a long time -

Raf. Wood intended to publish the
results of his work on my spec-
imens sent him had not death
intervened - I hear that his Herba-
rium was purchased by the N. Y.
Coll of Pharmacy - but it is not
likely that any one there will care
to catalogue the specimens -
This year my collecting is more thor-
ough as I omit nothing and I
hope to furnish you with a full
suite of species from this locality -
Two years ago while on a scout after
Indians in the Salmon R Mts I collec-
ted a few plants - and studied so far as
possible the trees growing there - I found
spruces with 2, 3, 4 & 5 needles in a
bundle - Two or Three sp. of Vaccinium
a Dodonaea with oval lvs - &c &c
Did you notice a tiny plantago, ⁵ - Phlox
I thought - although I was now able to find ^{it}
^{it has only one or two} one specimen - It has now cumulated to such
so can not send more this year -

Boise Parakee
Boise City - Idaho
July 12th 1881

Prof Watson

Please accept many thanks
for the Plant List - just received
I find no difficulty in identifying
your determinations for the reason
that I study all specimens in their
fresh state - before sending and any
that are not described in the work
which I have on hand are worked
over and over again so that their char-
acteristics are indelibly impressed upon
my memory - This I find easier from
year to year - The specific features
of the Astragali - Umbelliferae - Compositae
and Graminae give me the greatest
trouble to distinguish - The Boraginaceae
too are often troublesome - Your list
on Survey of 40th Paral. is of the highest
value - I hope you received the Orogonia
bulbs - Our season is now nearly over
I shall send fruit of the several species
of Prunus - Sambucus glauca and Virenae

The *Thalictrum* sent was obtained high up on the mountains and had fruit but no flowers when collected. I was not prepared at the time to bring in specimens so the fruit was lost before reaching the dock. I do not find a *Hemizonia* or *Hemizonella* in your list which I thought I had identified.

The *Mentzelias* are all bad specimens so adhesive that it is almost impossible to handle them. Another *Mentzelia* will be in flower in Aug. or Sept. 2 to 3 ft. with fls 3 to 4 in diam.!

Then some crimson tinted *Castilleja*. The *Erythronium purpuraceum*, which ^(6 to 8) I understand to be the one with numerous flowers and very thick almost coriaceous leaves - came from Rocky Bar and was collected by a lady Correspondent so I shall be unable to furnish bulbs. It is said to be fragrant.

Why is it not stated that *Stephanomeria* has a milky juice? Such specimens as I am unable

to duplicate for you this year, will, if I remain here, carefully gathered next season. I have been fortunate in finding several fungi - which Baron Thimmes of Vienna - Austria - has kindly determined. I enclose a few seeds of a *Primula* which Prof. Wood thought to be a N. sp. You may care to try to grow it. With grateful acknowledgments for your kind attention, I remain

Yours &c

Timothy C. Eldredge, A.M., M.D.

Capt. 68th Regt. N.Y. Army

P.S. In a day or two you will receive another pkg.

Wm. the *Celtis* has at last satisfactory some were very poor

J. E. W.

Chenopodium petiolare ?
Bradiara grandiflora { Mr Vasey
Downingia pulchella only a
few specimens collected and
named from deep azure blue flowers

Bilia aggregata named from
Porter & Coulter flora of Colorado
Eritrichium from high snow
Phlox instead of *Plumonium* - ^{humane} *laponum*
Artemisia venicosa - unsatisfactory
Eritrichium crassifolium - unsatisfactory
Lithospermum hirtum ?

Oxytr, Nevadaensis - Mr Vasey -
Plants growing in our garden ~~are~~
correspond closely with your plate in
Rep of 40th Parallel -

Callonia gracilis Prof Wood ?

Mimulus tricolor - may be
Prof Woods - *Eumans* & *ramontii*

Leopanthus serophulaculolius should
be, I think *Le verticillifolius*, Benth
Mantha borealis - so named by Prof Wood
Plantago lanceolata - only one spec.
sent to Mr Vasey late in the season
but not uncommon - It seemed to me
to be nearer *Phittella* H.B.K.

Rose Parrock, N.Y.
Dec 17th 1887

Prof Watson
Dear Sir

I am under
many obligations for your
corrections of my List. I
hope next season to correct all
errors taking great pains to
send you specimens of all
doubtful species -

Taking your corrections in course
I may state - that
Delphinium sudicant was named
from a few specimens seen north
of the Wierro River in 1880. They
were the only red *Delphinium*, I had ever
seen - and may have been more properly con-
sidered a dark "pink" color.

I think *Ranunculus fascicularis*
was named by Prof Wood from spec
collected on high mts in the Salmon River
Country -

Berberis Aquifolium - named by
Prof Wood & Judge Brown
Thysanocarpus radians - I hope to
send you specimens of West's *Artemisia*
Stellaria macropetala - ~~very doubtful~~
Oxalis Acetabulata - ~~very doubtful~~
Rhus diversiloba with its striped
whitish nutlets I think can be
collected (the nutlets) now and
will be forwarded soon
The *Lupinus* will be stricken out
Leathyrus vestitus, probably wrong
Ranunculus parviflorus - probably *marginatus*
though very dwarf -
Spiraea tomentosa - Prof Wood mistook
for *Arillia opulifolia* his note
reads "Carpenter often solitary" see last
year's Catalogue -
Fragaria Cal. - it was intended should be
marked with an ? never having coll-
ect in fruit but abundant in high
mts -
Rubus occidentalis - saw one spec

last fall
growing beside the road in a rocky
cañon near Placerville L.Y.
probably introduced -
Rosa Californica - ? Prof Vasey
Philadelphus - *Loridium* ? so marked
by Mr Vasey - probably only
one species *lewisii* - but
flowers are very fragrant
Cercocarpus - I think
specimens can be sent next
year -
Epilobium - *palustre* - next year ?
Clarkia elegans - next year ?
Quercus fallida - *parula* - stricken out
Mentzelia ornata - so marked by Prof Wood
Pinus - ~~at~~ nearly all unsati-
sfactory to me -
Machosiphium - so named by
Prof Wood & Porter & Carter for *Artemisia* ?
Solidago odora - Prof Wood -
Bigelovia viscidiflora - stricken out
Thymus achillaeifolia - Prof Wood
Lythrum glabra ? so marked by Prof Wood

P.S.

You will not, I hope, think
I presume to doubt your
authority in these matters
but will accept this as some
sort of an explanation for
the appearance of the question
~~down~~ names in the List
Next year I hope to send
you better specimens -
The Umbelliferae and
Giliae with the Borages give
me much trouble - For
Vasey thought your *Oregana*
a *Pseudarrhenum* - but I fail to
see why - If our warm
weather continues I shall soon
be able to send specimens -
Even now *Erodium Cicutarium*
is in flower -
Remaining deeply grateful for
your kind assistance I am
Yours M. E. Wilcox

Vancouver Barracks. B.C.
Sept 17th 1883

Prof Hutton

Dear Sir

During July & August - I made a journey in the N. part of Wash Terr - and collected the Flora of localities visited. The Great Plain of the Columbia was crossed twice. First at about its center from S. E. to N. W. and 2nd along its Eastern border from N. W. to S. E. The route was as follows - From Ritzville a station on the N.P.R.R. about 60 miles S. W. of Spokane Falls - to the mouth of Foster Cr., ^{on Columbia R.} about 8 miles above the mouth of the Okingum R. across the Columbia and up the Okingum to Lake Osoyoos - and into British Columbia - returned - and went up the Methow R. to its head waters - returned to Tripsich R. and up it to the Head of Lake Chelan - returned to mouth of Methow - thence down the Columbia to foot of Lake Chelan - up the Lake by boat and return. crossed Columbia and thence N. E. to north of Foster Cr - thence S. E. to Piquette a station on N.P.R.R. The Great Louisa was crossed

James M. Smith
Merrill's Library
Cincinnati, Ohio

Dear friends - I am fortunate in
discovering where the bones of the Lord of the
Canaanites & his wife - are - my about
midway up Lake Chelan - the I found
Common Mussels and also - *Mytilus* -
I met on my way out Dr. Keating who
told me that he was with you on your trip
to Colville &c - I do not think I have found
many more plants - fossils - a *Trilobite*
or a *Brachyopoda* - only one *Strophomena* obtained
although diligently sought for - this is complete
but I know - I shall be glad to send you
a full suite of any collection if you would
care to see them - This *Strophomena* day
has been ~~mostly~~ greatly limited the number of
plants to be obtained - Sugar Pine grows about
downy on the *Strophomena* - and it is in an article
of common occurrence the *Strophomena* & *Strophomena*
the *Strophomena* has been near the head of Lake
Chelan - and is highly prized by the Indians as
a remedy for "spitting of blood"

#12.50

+ 16^c stamps
1 pocket

Vancouver Barracks, Wash. Terr.
Feb 7th 1884

Prof Watson

Dear Sir

I enclose P.O.M.O. for
enclose & 5⁰⁰ for Dollars (\$12.50) which I wish
you would spend for me in the purchase
of the new edition of "The Flora"
If this is insufficient I will forward
the balance on notice being received
of the amt — You know just what I
need and I shall be under many
obligations if you will do me this favor.

The *Sambucus niger* which you will find
in the pkg of Purshon R. plants was collected
at a point higher up that River than any
other collections have gone — The *Senecio*
occidentalis was found at nearly the same altitude

I remain

Yours truly

Timothy E. Milroy

Capt & Adj. Gen. U.S.A.

Vancouver B. A. N. Y.
March 12/84

Prof Watson
Dear Sir

Your favor of the
15th has just reached me -
I wish Part 1st & 2nd of the Flora
and not "the Book of Coal"!

I should like the most comprehensive
work - as regards the United States - it
is possible to get at the present time -
and suppose the above to be such
I have Chapman - Gray's Manual - Woods
Clap Book - Mrs Lincoln's - Ramsey's
Pop. Coal - Leno - Your Ref of 100 Mammals
Rothschilds - & Pacific R.R. Report 1883 - C
Bentley's - Manual - (Eng.) Colorado Flora
Patton & Coulter - Kansas - Ag. Ref - and
yet these all are, at times, insufficient

I am under many obligations for
the determination of the *Fatsia* *bonidea*
& *Sambucus*. - The *Silene* *serotina* plant
which you will find - I have thought might
be a *Fritillaria* from its prop
like too but I can find no description
of it - Will the *Park* of *the* *Flora*
contain *Silene* - *Gum* - *in* -
Compositae - & *Cryptogams* - S.

There is some chance of my
being ordered back in a few
months so I think you had
better not send me either of
the books at present - but please
keep the money and send
the books ^{together} when the 2nd *Park*
comes out if I do not ask for
the 1st *Park* before that time -
My address will be the same until
I notify you of a change -
Draba *Varia* - *Monarda* *Chick* *warr*
and *Hazel* - are now out for *seeds*
of 1884 - and weather is warm - delightful

I continue under many
obligations
Yours
J. E. Dillap
N.S.A.

American Pomological Society.

PRESIDENT:

MARSHALL P. WILDER,
BOSTON, MASS.

ORGANIZED 1848.

SECRETARY:

PROF. W. J. BEAL,
LANSING, MICH.

FIRST VICE-PRESIDENT:

P. J. BERCKMANS,
AUGUSTA, GA.

Biennial Membership, \$4.00. Life Membership, \$20.00.

TREASURER:

BENJ. G. SMITH,
CAMBRIDGE, MASS.

~~Dorchester~~ Boston, July 26, 1884

My Dear Old Friend

I send you by this mail
a copy of the Proceedings of the
Am. Pomological Socy at its last ses-
sion. Please see what is said
of the "effect of pollen" p 38 & suc-
ceeding pages. I almost regret its
publication, but backed as these
statements are by so many re-
spectable cultivators, we thought
it but just to give them a trial.
Can these be true? I hesitate
to believe them. If they are

correct, then the teachings of
Herbert, Girdley, Gray (and one
or most learned co-operators
with the science of hybridization
are established, and we all
must say, that there are more
things in vegetable physiology
than we have ever dreamed
of. Wait and watch! Prove
all things; are good maxims,
but I have no patience with
some of the absurdities of our
wonderful age (see Gardener's
Chronicle / 1885 June 28th,
crossing of the Raspberry with
the strawberry. 77 as even

Marshall P. Wilder

Dr. Asa Gray. -

I have recently rec'd a nice letter
from Dr. Hooper. -

Dr Gray

To Wiley Putnam Dr

1839	Feb 28	To Merchandise as per Bill rendered		45 5 0
March	1	Flamant Illustrations	\$ 3.18.6	
		Weight of Annals Prodrumms	" 12 6	
March	1	French Work on Plants	1.2.0	
		To bank paid Shipping Freight	0.7.0	6 0 0
April	4	Flora pt 142 sent to Paris	2.8.0	
	1	do do delivered Dr Gray February 11	0.12.0	3 0 0
Sept 26	2	Lindley Introduction to Botany @ 4/- & 15/-	1.10.0	
		To Bendish Will Dictionary	0.1.9	1 11 9
27	11	Flora 2 parts @ 5/-		6 1 0
		To bank paid Passage per Toronto	26.5.0	
		" do do Dr Gray including fare to Portsmouth & back 19.4.1		
		" do do do	5.0.0	50 9 1
				112 6 10

Dr

May 1	Tuesday	Voyage & charged Michigan Library	\$	11 0
				111 15 10

Including Exchange & Duties \$ ~~583.84~~
\$ 571.42.

June 28	Cash Paid freight Per Louis Phellip	° 17.49	
24	do " Duties & Expenses on Cases	° 8.01	
28	do " " do on Parcel	° 2.50	
July 9	do Portage from London	° - 06	
Aug 14	do " Duties & Exps Per Georgetown	° 1.20	
	do " freight do	° 2. -	
Dec 6	2 Le Candolles Prodrumms 5.6.7	(20.50	
	1 do do 6.1.7	(7.50 Error	
	1 Rudolphi Genera Plantarum 2 Mo	° 2.50	
	1 Almanack de Universale Royale	° 1.50	
13	1 Microscope 530 francs	° 119.25	182 58
			\$ 754 93
	Cash Paid Duties & Exps Per Cuthaven	° 5.70	
May 14	freight on French Dried Plants 187	Duties & Expenses 20/-	4 75
Sept 14	" on 3 Packs from Trieste 241	Exps do - 16/-	5 -
	Duties on Microscope \$24.00	Duties & Exps M Howard 11.53	\$ 770.38
ben	Exps at Custom House	\$ 804.26	35. 53.5

W. A. Gray New York April 7th 1841

Bought of Wiley & Putnam

IMPORTERS & BOOKSELLERS

107 Broadway New York & 35 Paternoster Row London
 Accounts of Foreign Books settled every 3 Months by Note at 3 Months

1839	To Amount of Ac. Render'd	807 26
Dec 17	Duties and Exp, Per Howard	11 53
Feb 24	1 Hooker, Flora Boreali Americana 71	16 50
Mar 21	Insurance on Bundle Per Toronto	1 07
May	Postage	" 12
Apr 16	Duty on Parcel from London	" 75
	1 3 Decandolles Prodrromus	7 -
	1 Endlicher Genera Plantarum	14 -
	29 Duty and freight on Parcel to London	1 75
May 5	1 Bigelows Plants of Boston	1 50
	13 1 Hooker Foreign Mosses 24	17 -
	Freight &c on Box from Hamburg	5 37
June 6	Cartage	1 -
	2 2 Endlicher Genera Plantarum 4 12	2 25
	22 1 Hooker Stones Plantarum 13	6 50
	1 Purshs Flora of North Am ^a 24	5 30
	1 Hooker, Flora Boreali Americana	4 87
July	Freight to Havre 1.05 Cartage 25	1 30
" 22	1 Team french Letter Paper	5 -
	8 freight & duty on Parcel to W. Pamphile	2 75
	29 1 Sytters History 6 vol	2 70
Aug 18	freight and duty on Parcel for Hooker	" 25
"	2 Endlicher Genera Plant 13	2 08
Apr 15	Box Cartage and fee of do. to Dr Candolle	.90
	Expenses to Paris	3 33
Sep 8	Exp on Parcel from Custom House	" 87
	1 Meyers Report	1 49
Oct 8	1 Hooker & Taylor, Muscologiae Brit	15 50
	2 Endlicher Genera Plantarum 14	1 88
	30 Cash	250 -
Nov 16	1 Hallams Literature 4 v 6 -	
	1 Edinburgh Review 1 -	7 -
	20 2 Endlicher Genera Plant 15	2 -
	23 1 Hooker, Journal Botany 9 c 17 m	5 62
	28 1 " Flora Boreali Americana	4 95
Dec 22	1 Meyer Atlas des secrétions Organe 2 66	
	1 Ledebour Flora Altaica 4 v 7 29	
	1 Endlicher Iconographie Genera 1 c 9 13 -	
1841	Commis 10/6 22 95	25 24
Jan 14	Freight & Exp on Case Per Gladiator and	
	duty 9 lb Books	5 84
	19 1 Aves Von Ebenbeck Naturgeschichte 4 v	7 -
Feb 18	Expenses Per Franklin	1 18
	1 Religion and Liberty 4 " " "	" 38
Mar 8	1 Hooker Journal Botany for 1841 1. 10 0	
	12 London Postages 3 -	
	1. 13 0	8 25
Apr 17	1 Moquin Land ou Chenopodiaceum 87	
	1 St Hilarie Second de Botanique 1 50	
	2 Endlicher Genera Plant 16 2 -	4 37
Feb 4	1 Team Medium Writing Team	12 -
May 5	Cash Duties &c Per Gladiator	3 21
Feb 25	1 Journal Botany No 20 66	
	" " No 18 & 19 Nov 1840 1 31	
		1 97
		1280 83

1840	To Amount forward	1280 83	
Sep 28	freight & Duties on Parcel to London	2 20	
Dec 1840	Cartage	31	
Jan 14	Do	40	
Feb 8	Cash for freight to Franklin	4 41	
1840	Cr	1288 15	
Oct 2	By Cash on ac	1200	
		\$ 88 15	
May 8	1 Lindley's Horticulture		96
13	1 Fuller's Holy State	1 60	
J 1	1 Downing's Gard to E Ad	2 80	
	6 No 2 Flora (Nov 1842)	6 -	10 40
17	15 " No 12 " Mr Campbell	18 75	
20	" No 3 11 " "	2 50	
	Duties on above	3 40	24 65
	13 No 2 Flora 1842 for friends & 100	12	
June 21	1 Savings Davidson	1 25	
22	2 Endlicher's Genera Plantarum 1847	2	
Aug 16	1 Michaux's Travel	1 25	
	Freight & Duty on Parcel from Paris	75	
18	Cash		60
19	2 Endlicher's Genera Plantarum 1848	2	
20	1 Willdenow's Lifo 24	" "	
24	1 Sem 2nd Plantarum 1840	2 50	
25	1 Flora No 2 Nov 1841	5	
26	Cash P. Duties by Franklin &	1 62	
Sept 16	1 Flora 1842	1 -	
Oct 6	2 No 2 Hooker's Annual Botany	1 37	
	Postage	25	1 62
12	Freight & Duty on Parcel	3 25	
	1 Flora 1841	1	
25	plus Brown Paper	3 50	
	Cash Paid, Postages	31	
Nov 4	No C. H. Expenses	60	
17	No	70	
29	1 Lindley's Flora Medica	5	
Dec 4	Freight on Pkg for Hamburg	nil	0 00
24	1 Delise's Voyages Scientifiques 1844	40 42	
	1 St. Hilair's Icones de Botanique	3 43	43 85
8	Cash Expenses	2 15	
Jan 11	" P. Postage	19	
15	1 Quich & Schimper's Prologia 1844	27	
	1 Caroli Linnaei Systema Plantarum	16 96	
	Commission	5 19	46 15
Feb 3	1 Hooker's Journal of Botany 1844	5 92	
	1 No 2 Jones Plantarum 1847 & 8	6 78	
	Commission	12 70	
		1 27	13 97
18	1 Ann. Acad Nat Sciences 1845	1 50	
1	No 17	5	
1	No 18	2	
	1 Trans Am Philost Socy 1847	10	
	1 Atlantic Journal of Science 1847	2	
	1 Darington's Flora pictica	3 50	23 -
28	1 Sandwich's Recherches	6 86	
	4 3rd Label, 350 plus Co 500	8 50	
- 17	1 Endlicher for M Curtis	20	
	Cash Expenses	38	
Mar 7	1 Flora 1844	3 -	
	1 Johnston's Agriculture	1 -	
	1 Flora 1845 to order	6 50	
10	Duties Parcel for Endlicher And	1 87	
14	Postage from Paris	10	
26	1 Lindley's Elements Botany	3 -	
		348 57	

	To Amount forward	348 57	
Mar 26	P Expenses on Parcel for Phila	20	
26	1 Meisner Plantarum 1844 to 40	11 88	
	Duties	2 46	
	Commission	1 39	15 31
Apr 1	15 Flora No 2 to Mr Campbell	18 75	
	Freight & Duty	3 75	22 50
12	No do		12
	Expenses Parcel to Mr W. Hooker		3
	1 Journal of Botany 1842		8 50
12	1 Guide to Microscopia 1844 to	6 30	
	Commission	63	6 93
16	3 Flora 1842	3 75	
1	No (Mr Curtis)	1 50	5 25
21	Cash		25
May 27	No		1
Mar 3	1 Cass Instrument to Dr Carey & Co		78 95
May 6	1 Kingdom of the		1
8	Duties & Expenses on Parcel from Lond.		87
16	100 Flora 1842 to Mr C. Darwin		2 50
17	Expenses on Parcel from Franklin		97
	Cash pd, Postage 1 1/2		13
21	1 Guide to Microscopia 1843	4 38	
	1 Prologia Europa 1844	2 70	
	Commission	21	7 79
	Duties on Pkg for Iowa		63
25	No do	65	
	No do for Dr Carey	65	130
Feb 5	1 Flora 1841		1 25
May 27	Cash paid Duties by Howard		60
	No Expenses do		30
	No do Antiquaria		1 50
	No do Sully		87
28	Cartage to Mr College		37
June 2	Freight Pkg by Howard	2 47	
8	No Philadelphia	1 37	
	1 Lindley's Elements	3	6 84
11	Duties Parcel by Francois I		50
3	Cash Sent Pk Botany		25
22	No Postage		12
29	No do		75
May 22	6 Flora No 2 Nov 1842		7 50
June 30	Freight on Parcel by Sir J. Newton		8 89
	Cash pd, Cartage		31
July 18	No Postage		13
20	1 Way of Life		68
3	11 Sent Book of Botany		13 20
18	No		21 60
22	4 No		4 80
1	No Mr Curtis		1 50
	Expenses Parcel do		1 -
26	Freight on 2 Parcels for Orleans		1 75
	Freight on Package to London		75
	Cash paid Cartage		1 50
21	Cash		10
Aug 1	do Df from Little & B		35
26	do Postage		50
2	Postage 2 letters		40
4	1 Hooker's Journal		82
3	Expenses on 5 Sent Book sent to London addressed		1 10
13	1 Plant Vasc. Genera 1844		1 50
16	Postage 4 letters to Paris		50
	No 1 do from		25
			153 27

		To amount from a/c	659 27
Oct 20	Cash	30	
29	do	30	30.50
Sept 5	1 Annales des Sc. Naturelles 1842		9.25
Oct 6	2 Kunth's Plantarum R. 3		6.50
8	Duty on Parcel to Sir W. Hooker		1.60
27	3 Text Book	360	
	1 Flora 12pt 2	125	4.85
31	2 Floraistica	7	
	1 Girtlow's Plants	3	10.50
Nov 27	Cash pd. Freight		3.18
4	For small parcel from Boston		25
	4 Endlicher's Supl	@150	6.
30	1 Plant fasc. Summa no 12		1.50
Dec 2	Cash		38
	do		58
10	Duty on Parcel to E. & Duckett		1.
19	1 Flora Pl 3.4.5.6	5	
1843	1 Text Book	120	6.20
Jan 9	Cash		25
17	do		75
27	do		5.
Nov 30	15 Flora & Sp 3 to Pany. Hill 1250		
	Duty to on Parcel	300	14.50
5	12 Flora, sp's to various		9.60
6.	5 do to Hamburg		5.
	1 Gardeners Chron: Aug 13 to Dec 31/42		4.-
Mar 8	Cash paid Popp's Lf		4.80
	1 Hooker's Journal Botany 1843		9.-
	1 do from London 1.10.		
	1 Gardeners Chronicle " 1.9.		
	Postages	12	
		\$ 3.11.0	11.75
Apr 17	Cash		56
Mar 10	1 Bryologia Europea 13 to 15		7.31
Apr 22	Postage 6 ^c 24 th Postage 6 ^c		12
25	1 Wahlenberg Fl. Suec.	5.20	
	1 do Fl. Nepal	3.45	
	1 Reg. Hb	3.57	
	1 Endlicher's Euch?	4.67	16.89
28	Cash paid Postage		38
29	1 Bryologia Europea 12		2.45
May 3	Expenses bore by Utica		2.13
	Postages		18
11	Expenses on Parcel by Franklin		1.65
June 5	1 Hooker's Icones 11 & 12.1.		10.12
	1 Delandolle Prod. 7.2.	2.40	
	1 do 5.6.7	10.89	
	1 Sussieu's Introd. 11	30	13.59
20	Cash pd. For		1.62
July 11	For on Parcel for Geo. Benthams		1.25
	Expenses on do for Prof. Messner		75
12	Postage 6 ^c 14 th For Parcel, 3/-		44
15	1 Plant fasc. Summa, no 13		1.50
28	6 Amount report & expenses		10.50
Aug 10	1 Biechopp's Manual of Botany		13.26
12	For Bundle for Wm. Eng		50
25	Expenses for Isaac Newton & Port		3.59
29	1 Hooker's British Flora 11. W. & A. 1		6.50
		\$ 950.01	

11 Dr A Gray New York Jan 1st 1845

Bought of Wiley & Putnam

IMPORTERS & BOOKSELLERS

101 Broadway New York & 35 Paternoster Row London
Accounts of Foreign Books settled every 3 Months by Note at 3 Months

1843	Sept 20	To Amount forward		960.91
		Exchanges per Washington		315
		Duties do do		214
	27	1 <i>Psychologia Europea</i> liv 16. 17.	568	
		1 <i>Essai sur Botanique</i> 1 st part	75	643
Oct	4	1 <i>Botanicon fovea</i> Pittburgh		525
	18	1 <i>Endlicher's Musaeus Botan.</i>	375	
		1 <i>Link Icones</i> pt 6	325	
		1 <i>Fusinus Botanique</i>	52	752
Sept	25	1 <i>Barington's Brit Flora</i>		228
Nov	16	Postage		25
		1 <i>Walters's Flora Upsalensis</i>		342
	24	Cartage on Case per Alliance		31
	3	Proc & Cartage Case to W. S. Sallinatt		150
	9	Expenses Pkg to W. Campbell		60
	25	Cartage 4 Boxes		31
		1 <i>Annales des Sc Nat.</i> 1843		625
Dec	5	Cash paid, Postage		19
		Balance Mich Univ ap		
		in statement from Lou		3346
1844	Jan 17	Cash to Dr Tracy		20
		1 <i>Hooker's Journal</i> Bot 1844 1. 10.		
		1 <i>Indurum Chronicle</i> " 1. 9		
		Postages 1 Monthly & Weekly	12	
			\$ 3. 11. 0	1795
		Sundry Charges for Parcels		
		pd in London to Dec 30		345
	2	1 <i>Bot Text Book</i> to Dr S. S. Gray		112
	22	1 <i>Fugle's Dictionary</i> 2 nd ed		8
	24	1 <i>Psychologia Europea</i> fascs 18 19 20		852
Mar	7	Duties & Parcel from London		275
	8	Cash pd, Postage		19
	19	Bot from Case 1 Odensburg		150
	20	Cartage to Boston Boat		31
	29	5 <i>Kunth's Enumeratio</i> tome 4		2090
Apr	8	1 <i>Manufacture</i> Note Paper	84	
		500 Envelopes	4	
			\$ 0. 12. 8	
			313	
		Duties Expenses & London ^{to} out	187	5
		1 <i>Microscope</i> from M. Cassagne		2525
	27	6 <i>Endlicher's Genera Plant</i> 3 rd Sept	8	
		1 <i>Essai sur Botanique</i> 2 nd pt	44	864
May	27	Cash P. Cartages		75
	10	1 <i>Link Icones</i> P. 10	86	
		1 " <i>Anat. Plant. Illus</i> livs	217	
		1 <i>Quinquina</i> of the Sulphur bot	271	574
		Postage to M. Putnam		25
	3	1 <i>Meissner's Plantarum</i> fasc 14		136
	30	2 <i>St. Caudollet's Prodomus</i> 1. 8.		675
June	6	1 <i>Fries's</i> <i>Sech</i> <i>Europea</i> M. Baker		362
	11	1 <i>Maou's</i> <i>Icones de Botanique</i> 2 nd		519
July	10	Cash pd Bot		138
Aug	27	do do		438
	28	Bot Case from H. H. 115 Charges 297	412	
		Expenses Entry & Cartage 21	126	537
				\$ 1190.56

Amount forward,		1190 46	
Sept 13	Customs House Expenses on fare	2	
	Permit & Duties	1 90	3 90
	Charges on lake from Hamburg		38 94
Nov 15	1 Bot Sea Book	1 20	
	2 in Flora 11 pts 3 & 4	5	
	1 " do " pts 3 to 4 pt 5 inc	6 25	12 45
Dec 7	1 Box on box from Rodier		8 50
Aug 6	1 Richard Semographic 15 Liv		8 28
26	Duties & Expenses Parcel Paris		37
28	Sub 4 tot Annals des Sciences		
	Naturelles part Botanique		7 62
Sept 17	1 Durmas Palace of Nature		1 -
	Sundry Charges Postages from		
	London to Dublin	11 4	2 83
Feb 4/35	1 Muller's Physiology 24	10 50	
	1 Hurstons Botany	1 40	
	Post &c on Parcel Hamburg	50	12 40
May 31/35	Carrriage of Parcel in London	3	
			127 95
1841	Cr		
Dec "	By Vouchage on imported Bks	6 78	
July 13	" Cash	78 95	
Sept 2	" " M A Curtis	9 50	
Oct 6	" "	25	
28	" Sundries handed over to		
	Thos. Seabrook Esq		
	130 Flora 12 pt 1 inc		
	6 do " 12	7 50	
	18 Bot Sea Book	21 60	29 10
Nov 10	" Cash Proprietary	3	
	" Vouchage 1 Bigelow's Plants	1 50	
Dec 6	" Cash	95	
20	" Vouch 5 Inds on Plant Sup	60	
July -	" 1 Hooker's Jour & 1033 Dupl. h. t.	9	
Aug 12	" Cash Wt Baker	17 27	
Nov "	" Postage Charges per Wash		
	to W. J. C. Davis &c	132	
Dec 16	" Cash	72 55	
Jan 17	" "	25 35	
May 30	" "	31 75	
July 5	" "	25	
	" Age of fit on box from Pittsburg	6 38	
10	" 1 DeLandolle P. S. returned	3 37	
	" Allowance on Sundries Wash	110 -	
	" do 18 Bot Sea Book	250 -	799 32
			476 63

New York Jan 1 1845

Mem of Flora &c:			
Dr			
Sundry Charges Printing to 1000			
	in Pt 3 & 4 vol 1		
and sundry Nos delivered			1456 66
Printing 1000 12 pts & Binding part to 30827			
"	1000 " 2 do	302 42	
"	1000 " 3 do	263 79	1074 68
			2531 14

Cr			
Sales, Cash Rec'd & Sundry Acct			
	in Pt map vol 1	10640 10	
Dr	do " 2 pts 1 2 3	784 67	3434 77
amt due on both vols as far as			105 37
Pub'd and sold			

New &c Co.
By Sundries Merchant & Ship
" do do do, & Paper

NY Jan 1 1845

Dr A Gray

Dr Mrs Gray

New York Jan 1. 1848

To Wiley & Putnam

Dr

1845	Jan 1	Balance of a/c rendered to date			476	63
	15	Duty & Expenses on Parcel from London				1.50
		Gardners Chronicle for 1845. £ 1. 9. 0				
		Hookers Botany " " 1. 10. "				
Subst	10	Botanische Zeitung 4405 2. " "				
		Postages	18. " £5. 17. 0. —		29	25
May	30	6 Botanical Text Book deliv ^d by Bradley	1. 75. 30%		7	35
	10	Paid for box from Troy		2	15	
		" Paid for Garden Hoes		10	24	12 39
	18	Text Book deliv ^d by Bradley ap ^l 25				
	12	" " " " " " 5 } 30 @ 1 ⁷⁵ 30%			36	45
	12	1 Annales des Sciences 1845.			7	50
June	13	Exp ^t on parcel fr Isaac Newton			1	"
July	1	Cash paid Freight				75
	15	1 Botany to Dr P. D. Kinsern	1. 75. 30%		1	23
Oct	14	1 Lett Flora in Ad			6	67
		Expenses on Parcel Dr Booth London				50
Dec	13	" " " to London		75		
		1 Johnsons Chemistry to Von Martins		1		1 75
1845	Feb 7	1 Hookers Chn ^d Exp. Oct. Nov. Dec. 1842 & Aug. Sep 1843.			4	50
	Nov 20	1 Eothen				40
	24	1 Botany of Sulphur			8	12
		" 1 Hookers Icones Plant ^m V1 pt 2. V2 pt 1. V3 pts 1 & 2.			13	
April	8	1 Decandolle Prodrumms V 9 Ca Gray. Green. Cakes	3.33		9	99
	23	Invoice fr St Western		5	23	
			Duty	65		
			Consent	58		6 46
May	8	5 Botanical Text Book } 6 @ 1. 75. 30%				
		1 to Mc Carey (aug 29 th) }			7	35
		1 Decandolle Prodrumms (taken specially)			2	21
		1 Migan On Insanity			3	50
June	30	Postage				06
Sep	12	1 Flora Vol 2 part 3 (for self to Owen)				67
Oct	2	Expenses on package from Hamburg				37
Dec	3	1 Bonaparte Notice du Mars 8 ^o 5 ^o 6 ^o & 100%			24	68
		Charges by W. P. Putnam - London ap ^c				
	1845. May	Expenses on parcel fr Milner & Smith	14.			
	" Dec	" " " " Dried Plants	9/4			
		Sundry Postages during the year	1/5/4			
			\$2.88			
		@ 480pts			11	68
		Forward			676	26

1846 Febry 18 Duty On Parcel from London 28 1 Sept Book deliv^d Dr Amott in London 175. 30% April 1 Charges by M Putnam London Hooker's Botany 1846. £ 1. 10. 0 + Postage 3 8 25 1 No British Review 1846 5 1 Quarterly " 5 Charges & Freight On parcel from Hamburg 18 58 Primage & Custom House Exp 2 65 21 23 May 24 Duty & Expenses On parcel to London 1 25 Gequel to Vestiges 50 July 7 Duty &c on parcel from Paris 75 Postage from London 13 May 26 1 Botany of fish sulphur 2 77 June 1 2 Beans for Laid Latin Paper &c - Paid for - July 1 1 Dregii Symbola Conchologia - Duty, Exps & Consent 6 64 15 1 Flora Vol 1. & 3 parts of Vol 2 6 67 1 Text Book 175 30% 1 23 25 1 DeCandolle & Portrait 8 64 Sept 10 1 Hooker Cryptogramme Botany xx 2 5 } 9 24 1 Henfrey Script Botany 182 } Charges on Case from Bremen 8 53 Oct 31 2 Glets Flora - 12 Mo @ \$1. & 2 Mo @ 67¢ 13 34 Nov 18 1 Botanische Zeitung March 28 to Dec 31 / 45 4 " " Jan'y 2 to Sept 4 / 46 & Feb'ry 1847 6 00 1 Hampe Scores &c 2 pts & 10 % Comus 2 50 12 50 Dec 20 1 Microscope de Chevelier 227 Francs } 49 94 1 Chevalier Muséumant " } 13 60 Duty 30% 6 36 69 90 10 % Cornus 6 36 1847 May 27 1 Bridel Muscologia rectoriam cum Suppl Opertus 40 } 9 24 1 Fries Cunnina vegetabilium T 18^m 1 60 10 84 Feb'y 4 1 Meaont Atlas Botanique 4 Exps on Hibernia parcel 7/4 Have exp. London 25 4 " Chgⁿ by G. P. P. in London apc 2 75 1845 May Exps on parcel from Liverpool " 14. " 1846 Dec " " " dried plants 9. 4 " Sep 7 " " Care p Mary Ann from Spool. 3. 3. 1 Carriage & delivery of parcels from do 11. 2 Portages Jan'y 45 to Dec 46 (not before chg) 1. 14. 9 \$ 6. 12. 4 32 34 27 Duty & Exps on parcel for Acad^y of Arts & Sciences 1 25 Mch 9 Ft & Primage Case for Am^af^r Galveston 1st Cartage 50 1 55	Forwarded 917 79
1847 Mch 9 1 Fries Hortiva flora succrae Fe 6. 15 1 Flora tothe bayans 12° 3. 10 1 Bridal Muscologia suppl 4. 90 1 Sillenius historia muscorum 21. 50 Fe. 45 65 22° to the franc 10. 05 Duty 1^{re} Cornus 1^{re} 2. 10 12 15 30 1 Fries Hortiae Flora Scenecia 2 1 Species Hepaticarum pure 687 3 26 ✓ 1 Botanische Zeitung Nov 47 to 52 chq per year . Apr 4 Cartage of Case from Communis West 37 10 Bal^e g age chq us by G. P. P. London Particulars forwarded direct to you \$6. 12. 4 = 31 56 May 8 Exps on parcel for Acad^y Arts & Sciences pr Switzerland 1 ~ " " " Ara Gray " 1 ~ ✓ 1 Hooker Botanical Journal 1847 full mail 8 25 June 18 1 Botnet Text Book 175. 30% 1 23 1 Alexander An Isaiah Vol 2 2 50 1 Quarterly Rev^m 47 44- 1 Cp Britib^y 4. 8 ~ ✓ Apr 21 1 Annales des sciences Naturelles Nov 46 pr Mail 7 50 Aug 23 Exps on 3 parcels from London 2 50 Sept 1 " " 1 " " Hamburg 3 10 Cryptogamia Antarelica Nos 4 to 8 10 06 " " found London 25° - From Hamburg 22=37° 62 30 1 Henfrey Botany parts 3 & 4 1 34 Nov 13 Duties on 1 Case from Hamburg 6 60 Pennit Cartage Ft & Entering 3 25 9 85 " 1 parcel pr Ospray 1st 2nd McEvans 37 Box 50th 2 37 Apr 7 Expenses on sundries deliv^d in London 2 50 Dec 15 1 Flor Avilica Flora 1 51 " Amount of Rd'dlings Invoice (no Cornus)ⁿ 75 60 Lep Carls sent to pay for same 73 84 1 76 31 Balance of Torry Group Flora Vol 2 apc 150. 89 1032 12 1 1/2 Years Interest on Same 15. 75 166 64 ✓ 1 1/2 " " " Your apc 1032. 12 108 40 Cy By Balance of Torry & Gray Vol 1 apc 389 89 " " 1/2 Year Interest 40 95 " " Botanical Text Book apc 347 60 " " 1 1/2 Years Interest 36 54 " " Cash On apc June 25. 1845 20 23 " " 2 Yean Euro^p & 6 days Interest Onfound 3 52 " " 12% on \$39⁶⁶ for bill paid for Oakes Dec 75 1846 475 843 48 Balance in favor of W. J. P # 463 68	917 79

1750
<u>1400</u>
3150
<u>945</u>
22.05

January 1. 1848

Dr Asa Gray Dr as with Wiley & Putnam Dr
Statement Continued

To Balance of a/c rendered 463 68

Or By the following deductions

1841	May 13	1 Dourings Gardening to C.A.D.	2.80	
1842	Feb 3	Case of Instruments Charged to Dr Torrey	78.95	
	July 20	12 Botanical Text Books given to Editors	14.70	
	Sept 5	1 Annales des Sci Naturelles 1842 Chg ^d to Silliman	9.25	
1843	Feb 25	Overcharge on Flora	3.27	
	Nov 25	1 Annales des Sci Nat ^l 1843 Chg ^d to Silliman	6.25	
1844	Aug 28	1 Annales " " " 1844 " " "	7.62	
1845	May 10	1 Annales " " " 1845 " " "	7.50	
	" "	18 Botanical Text Book (out of 30 Copies deliv ^d by Bradley @ 1.75 30%) Charged in new a/c & question of allowance to be settled with Wiley	22.05	
1846	Apr 1	Overcharge on North British & Quarterly	2.00	
1847	Apr 21	1 Annales des Science Nat ^l Chg ^d Silliman	7.50	
			161 89	
	Dec 31	1 1/2 Year's Interest on that sum, because same is charged in previous Statement	17 01	178 90
		Balance due Wiley & Putnam Jan'y 1 st 1848		\$ 284 78

New a/c Dr

May 10. 1845 - 18 Botanical Text Book (out of 30 Copies delivered by Bradley @ 1.75 30%) credited in old a/c and now bro't forward for settlement with Mr. Wiley \$22.05

January 1. 1848

Torrey & Gray's Flora Vol 2.

1845. Jan 1. To Balance of a/c rendered 289.81
 " Expenses moving stock 4.50
 " Binding 50 Part 1
 50 " 2
 50 " 3 } 5.25
 299.56

On hand last time 29 Part 2
 Bound since 50 " 2
 50 " 1

On hand now 129
 27 102 sold @ 150/34 = 102.00

On hand last time 42 Part 3
 Bound since 50 92
 On hand now 22

70 Sold @ 1/3. 46.67 = 148.67

Amount Charged to Dr. Mrs Gray 150.89

On hand
 4 Part 1 in London
 2 " 2 " "
 8 " 3 " "
 0 " 1 " New York
 23 " 2 " "
 19 " 3 " "

New York May 16. 1848
 Wileys & Putnam
 per Jm B. Gould

When is sent by W. G.

Torrey & Gray's Flora Volume 1

January 1. 1848

In ac with
Wiley & Putnam Cr

1845- January 1st

By Balance of ac rendered

183.44

On hand at that time

40 Part 1

41 " 2

62 " 3

68 " 4

211

On hand now Pt 1. 18 } 120 - Bound price - 30 of each -

" 2. - 19 } 331

" 3. - 37 }

" 4. - 42 } 116

215

Parts Sold to pt. net 215.00

398.44

Dr To Cash Paid Freight Nov 40, 1845 1.05

" " Paid Ellis for Binding 30 (120 to 30) in Cloth 7.50 8.55

Balance Carried to Credit of Asa Gray 389.89

C.C. May 16. 1848

Wiley & Putnam
Jas. B. Graves

January 1. 1848

Tracy's Botanical Text Book
To Dr Asa Gray on acc
of Sales

No of Copies Printed 2,500

No of Copies Bound 2,004

Deduct given to Editors 50

Deduct shared
- me. -

1954

Deduct those on hand

On London 28

New York 167

With Agents 21 216

Sold

1738

@

20¢ per copy

amt Credited to Dr Gray

\$347.60

New York May 16. 1848

Wiley & Putnam

On Behalf B. Graves

FOREIGN BOOKS
IMPORTED TO ORDER BY EVERY
STEAMER, BY THE QUANTITY
OR SINGLE COPY.

New-York,

184

Bought of WILEY & PUTNAM,

BOOKSELLERS, PUBLISHERS, AND IMPORTERS.

161 Broadway, New-York, & No. 6 Waterloo Place, London.

SINGLE COPIES OF BOOKS IMPORTED TO ORDER BY EVERY STEAMER.

$$\begin{array}{r} 8.25 \\ \hline 49.50 \end{array}$$

Year	Month	Day	Person	Item	Amount
1841	Oct	6	2 Mos	Hooker Jr. of Botany	1 37
1842	Feb	3	1	" " " "	6 78
"	April	1	"	" " " "	8 50
"	Aug	4	1	" " " "	82
1845	Feb	7	1	" " " "	4 50
1846	-	-	1	" " " "	8 25
1847	-	-	1	" " " "	8 25
Total					\$38.47

1842-7

8.25
6
49.50

11111

July 1. 1848

Dr. Asa Gray

On a/c with John Wiley Dr.

Jan 1	To Balance of a/c rendered		284 78
"	1 Case of Siligical Instruments for Dr Torrey, March 3 ^d 1842 deducted from last a/c = This should be charged because, you paid that sum for it on the 13 th of July of same year = See a/c for that year	78 95	
"	1 1/2 Years Interest on same (allowed you in last a/c)	8 30	
"	6 mo Interest on Jan bal ^c 284 78 & 78.95 to July 1 st .	12 71	
Mar 24	" Postage on 3 letters for Paris	18	
May 1	" Freight on 3 boxes from Galveston	3 30	
April 21	" Expenses in package from Germany	1 37	
May 1	" 1 Hookers Journal of Botany 1848 @ \$10. - 10% -	9	
"	" 1 North British Review " @ \$4	4	
"	" 1 Quarterly " " " " @ 4	4	
June 12	" Expenses, Duty &c on Case for Bavaria, chg ^d by Berian & Co Paid		400 59
June 9	Cr by Expenses &c on Flora Brasiliensis, chg ^d to Dr Torrey	18 63	
22	" " 11 Pickering's Eulogy (out of 12) @ 38¢ 20% off	3 34	
30	" " Cash charged to S. H. Grant, being for freight paid by you to the Express on package which Mr Grant was to have sent by Endicott	75	
Botanical Text Book			
	on hand last time 216.		
	Bound since 161 = 377		
	On hand now 130 = 247 Sold - @ \$20 each	49 40	
Torrey & Gray Vol 1.			
	on hand last time 116 Numbers		
	" " now 47		
	69 Sold @ \$1.50 3 ^d	69.	
Torrey & Gray Vol 2.			
	on hand last time 29 of Part 1 & Part 2		
	50 Part 1 } Bound since		
	50 " 2 }		
	129		
	On hand now 106 - 23 fold @ \$1.50 3 ^d .	23.00	
	Part 3 - last time 22		
	" " Now on h. - 17 - 5 fold @ \$1.00 3 ^d .	3.33	
		26.33	
	Binding 50 Ea part @ \$1.75 paper 37 ^d	2.12	24 21
Gray's Genera			
May 2.	Received - 10 Copies - *		
" 12	" " 12		
	22		
	10 Sent to London On Sale		
	12 Sold @ \$5.	60.00	225 33

Debit Balance \$181.26

18 Gray's Text Book which were to be settled before between Dr G. & Mr Wiley, still left open for arrangement

Cr By 10 Genera Sent to London 50.00

My dft on you Aug 30th 1848 131 26

C. C. Menzies August 21. 1848

John Wiley

per Wm. B. Graves

Received Payment

John Wiley

per Wm. B. Graves

* From, I charged you with 12 n. May 1st
Ask & see if you have a & ordered 2.

* 10 Copies, in paper, were all that Capt. W. Boorbach's recollection about them is distinct.

\$131.26

No 546

Foreign Literary Agency

Due

161 Broadway

\$ 131. 26

One Day

John Wiley

One Hundred & Thirty One $\frac{26}{100}$ Dollars.
at the Charles River Bank Cambridge
Value received and place to the account of your Respy

To Wm Asa Gray
Cambridge
Mass

Accepted
J. N. 1
J. Gray

New York Aug 30. 1848
after Sight pay to
or order

John Wiley

PAID TO THE ORDER OF JOHN WILEY
BY THE CHAS. RIVER BANK
AUG 30 1848

Wm. Sherman Esq
order

John Wiley

For Cash Charles Davis Throat

Wm. Sherman

New York Sept 12th 1848

Prof. A. Gray
Cambridge

Dear Friend

After having investigated the matter of the General as carefully as the nature of the case will admit of - Only 42 Copies can be accounted for instead of 44 - which you claim. Only one place remains yet to be looked into - viz whether Mr Lockwood has sold 3 instead of 2. I do not think that he has, nor does he, but if his recollection can be rendered more vivid on this point I sh^d feel better satisfied. I send you the "Balance Sheet" that you may see how these 42 are accounted for. Although your letter of May 1 says 12 - Mr Wiley thinks only 10 came - but how this could have ~~been~~ failed to be noticed at the time - exceeds my comprehension. If you feel satisfied by the above I shall be glad, but I see no way of arriving at the result other ways than I have adopted. Uncle Sam is in the city. all well at home

Very Resp^t Yours
J. A. Grant.
(John Wiley)

The Cornell University,

Treasurer's Office,

Ithaca, N. Y., Nov. 21st 1883.

Sereno Watson, Esq.

Botanic Gardens,
Cambridge, Mass.

Dear Sir:

Please send to our
Botanical Department, as soon
as possible,

"Curtiss' Southern Plants,"
Fasc. V.

as per letter of advice of Prof. W. R.
Dwiley Nov. 19th.

Send Bill of same to me &
oblige,

Yours Resp'y.

E. L. Williams,
Actg. Treasr.

Thank you very much for your kind letter with
inclosures. I have handed in the seeds to the
custodian of the Herbaceous Ground at Kew, so that
he may raise the plants in a soil more suitable
than I have at my disposal. I am contemplating
a revision or rather 2nd edition of Rohrbach's mono-
graph on Silene; and can fully endorse your views
as to the flimsy character of the distinctions betⁿ
his two subgenera. I confess I am unable to
interpret the meaning of "Reactivatio alternatin
contorta" on p. 67: I agree with you that "the
division is not a natural one".

Believe me Yours very truly

Frederic N. Williams

Brentford, Middlesex
7 Oct. 1891.

UNION POSTALE UNIVERSELLE
POST CARD—GREAT BRITAIN & IRELAND

(GRANDE-BRETAGNE ET IRLANDE)

THE ADDRESS ONLY TO BE WRITTEN ON THIS SIDE.



S. Watson Esq. F.L.S.

University Herbarium

Cambridge

Massachusetts.

United States.

~~17 Sept~~

181 High Street
Brentford, Middlesex.

Dear Sir

I am revising for the purpose of issuing as a second edition Mohrbach's "Monographie der Gattung Silene". I have studied your descriptions of new spp. of Silene in Proc. Amer. Acad. & should be glad to know if it would not be troubling you too much, the character of the aestivation of the petals and the presence or absence of septa at the base of the capsule - for the purpose of referring them to the several groups of Mohrbach's subgenera. I am afraid however that these characters are very difficult to discriminate in the dried state.

I remain, Dear Sir,

Yours faithfully

Frederic N. Williams, F. L. S.

UNION POSTALE UNIVERSELLE

POST CARD—GREAT BRITAIN & IRELAND

(GRANDE BRETAGNE ET IRLANDE)

THE ADDRESS ONLY TO BE WRITTEN ON THIS SIDE.



Dr. Sereno Watson F. L. S. Lond.

Conservator of the Herbarium
of the Harvard University
Cambridge

Massachusetts

United States.

Answered
Mar 20ⁿ

Ship Morrison, September 3. 1833.
Lat. $39^{\circ}38'$ S. Long. $44^{\circ}43'$ E. Indian Ocean.

Dear Friend

Having now a little more time than perhaps I may have when I get to the end of my voyage. I thought of sending you a few lines, purporting to tell you some of the circumstances which will probably attend my living in Canton. And I do this now, because, after my return home from Boston, I had no opportunity of telling you some information of this kind which I there learnt. I heard afterwards that you arrived in Africa, the day that I left, and for my consolation had the reflection that a "miss was as good as a mile."

I would not have you, for some time yet, expect me to be able to send you many specimens either in plants, minerals or shells. Minerals especially will be some time before I shall be able to collect any, as the immediate vicinity of Canton is low & sandy like other alluvial soils, and the ballast of ships is all thrown into the river, because the cargo being always enough to fill the ship entirely. Of shells, which I care not much about without books, I can buy as many as I list, as well as you can at home, and not much cheaper. They are common trash, the scum of natural history in a common, merchantable point of view. If any one should happen to give me a quantity, I might send them to you.

Formerly they were brought in great quantities there from Hain-an and Foo-kien, when the mania for them in the United States & England made a market for them, and then they bore a good price; but the call for them having subsided, less are brought and the price is less. Of plants, which I shall endeavor to do the most at, when I get time, I can only tell you, that all will be done that is possible. Being entirely alone in such pursuits, and perhaps laughed at by Chinamen and questioned by countrymen, and moreover having little or no ground to survey, you will not expect much yet awhile. The passage of 18 miles between the anchorage ground at Whampoa and Canton is always done in the middle of the river in boats, and when one goes down to Macao, it is always in the same way. The factories are near the river and thousands pass & repass hourly almost, and behind them is a dense part of the city. No hopes then in the back nor fore ground. The middle of the river has some islands on which, if they are not so strictly guarded by the cultivators, as to deny landing, I may get a spear of grass or so. And sometimes I may get a chance to go out behind the city to see some objects that are visited which stand apart, but this is but seldom. So that by this time, you will be able to appreciate some of the differences which exist between pursuing such studies there & at Utica. If it had been on salt water I would have been in a little better situation for some things, but not much. And moreover, if the least spark of jealousy is kindled by the mandarins at any appearances of a suspicious nature to them, they will take all away

from me perhaps. And such an act would be infinitely worse than not getting a plant this two or three years, for when once their jealousies are roused, the unlucky offender had better be taking his finale, as speedily as convenient. Not to multiply difficulties, I would add, that for some length of time; I shall necessarily be employed in the mission quite closely, and learning the language will take something besides other avocations.

Taking all the circumstances into consideration, you will need to exercise some patience, before I can be able to send you any thing. But it shall be as soon as possible. I have not been able to collect any thing on the voyage, as we stopped nowhere, and there is nothing to be seen but sky & water on ship board. Many species of sea fowl continually flying round the ship, some of which are quite beautiful. The stately albatross, with an expanse of wing of 15 feet, the Cape hen, a black bird as large as a goose, with long wings, the Cape pigeon, a black & white bird as large as a pigeon, but with longer wings, the white snowy petrel as sizeable as a robin are the principal. Whales, flying-fish, porpoises, & dolphins are all the visible fish; so that you see we have not much variety. We experienced a hard gale off the Cape, on the 26th Aug. and had to lay to one night. It blew right straight I can assure you. One ship that we spoke, carried away two masts & spar and another lost a mizen topmast. We suffered only in wind. You must not wait for me to answer your letter, before you write

but send a letter when you have any thing to say, and I will
always prize them when they come, but not before. Would you?
Sana will have a better chance than I, to collect any objects in
N.H., and I hope he will fully meet his expectations.

Yours in true friendship
Wells Williams

Asa Gray, M. D.
at the High School
Worcester

N. Y.

Shall send a package to you on Friday
the 21.



Per Richard Alsop.

Williams

China

Macao. Dec. 10. 1836.

My dear Friend,

Your's of the 25th of May last came by the Ceylon a few days since. I had learned before that you had received the letters & plants I sent you, and supposed you would answer them by a convenient opp. Often I do not know whether a friend receives the letter sent or not, and frequently write another to make the chance greater. Since I sent you the parcel of plants, I have collected more as opportunity offered; one package I have sent to C. U. Shepard from which I have heard nothing, and one also * to Dr. Jno Torrey by the Morrison, which I suppose will now answer the same as if they had been sent to yourself. The parcel to Torrey will afford you a better notion of this flora than the one you rec^d. I had concluded to send the next lot to Prof. Lindley, and see * I just had the parcel before me as I wrote the letter.

what luck they met. Previous knowledge of plants does not aid one much in ascertaining the names or habits of the plants "growing" herabouts, and I have had no leisure hitherto to give them that attention necessary to become acquainted with their habits.

I am, and have been, much assisted in such pursuits, by Mr. Lay, the agent of the B & F Bible Society, who was attached to H B M ship Blossom in her cruise to Behring's Str. after Nop & Franklin. He is a thorough going naturalist, one who has been schooled by practice and theorized by Robert Brown, with whom he is on very intimate terms. He has paid much attention to the natural orders, and can detect an unknown plant by those affinities with which the disciple of Linnaeus is entirely ignorant. I find, by a little intercourse with him, what a precious little Eaton at Troy knew about botany, notwithstanding all his pretensions.

I am glad to hear of your appointment to the office of curator, knowing how much you will be in your element in such a situation, and what advantages it will give you for

expending your knowledge of nature. May you, in deed, be led from the contemplation of nature, to the better manifestation of nature's God in his love & goodness as shown in the face of his son Jesus Christ. There are flowers of beauty to be gathered such as eye hath not seen, nor hath it entered into the heart of man to conceive of them.

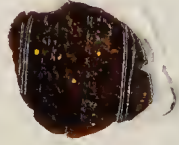
I may have an opp. ^(inter nos) for taking a voyage along the coast of China, & from thence to Sewchew idls. & Japan next summer, in a small brig in company with Mr. Lay, when I shall endeavor to collect some plants from which I shall be happy to send you a portion. If you can easily, procure a small book which treats on shells in a manner something like that which you propose ~~making~~ doing on Botany, and will send it to me, I think it will be of great use; By the way, I sent a parcel of shells last year to Prof. Lea of Phila. many of which had been collected with much care. If you see him or know him, will you kindly mention it to him, & advise

Yours very truly
Wells Milliam
Don't put yourself to much trouble or expense to procure a work on shells, for I am afraid yet I cannot attend much to the subject, or whenever to bear the purchase of expensive

Asa Gray
Curator of Lyceum of Nat. Hist.
Broadway near Prince

New York

P. A. S. P.



Canton, Sept. 13. 1855

My dear Dr. Gray

I was very glad to hear of & from you by Mr Cunningham, whom I was so unlucky as to miss seeing when he was in Canton. He went on to Shanghai in a few days, improved by his visit to U. S. I heard.

I had hardly heard anything of you for years, tho' you had widener in the plants that I had not forgotten you. It was a great pleasure to have the opportunity to ramble over the hills & valleys of Japan as Dr. Morrow & I did, and I was happy in having him for a companion, as well as all the Japanese we saw & attracted to our presence. One foreigner dropped in such a region is like a lodestone in

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Dr. Asa Gray
Harvard University
Cambridge
Mass.

Dr. Asa Gray
Harvard University
Cambridge
Mass.

a pile of iron shavings, and all he wishes is the good use of a language to say all he wants. I am glad to learn that the plants reached you in such order that you can examine them, and learn somewhat of the flora of Simoda + Hakodadi. I don't know what Dr. Morrow may have suggested respecting them, but if it be possible, I should like to have some of them go into the Report which Congress has called for respecting the Japanese Expedition, as that seems to be the most appropriate place for a notice. Do you propose to draw up any description of them, or make a memoir on them, or put any drawings in any Periodicals? It will be a good opportunity perhaps to get drawings of bones, plantarum made at gov't expense.

The insurrection of which you have heard so much is nearly quite suppressed, at a vast loss of life & property. Daily executions in Canton are often to the number of 500, and about ten days ago 713 were decapitated in four squads on one day. Life is cheap after such a rising among the vanquished, and they will know the game they are playing, life & death. There have been over 100,000 men put to death in Canton since Jan 1/58. Let alone their families, whose suicide, starvation & sorrow, have sent to death & dispersion. O how I long for the day when the Gospel of peace may spread thro' this land, & teach these Chinese what celestial love is!

It shall refresh me to hear from you

Truly Yours
Wm. Williams

Our friend Charles Bartlett has gone. I see, now some months since, a good teacher he was too. I have desired often to find as good a one to train up my sons, now in the U. S. for their education. He excelled in that business, and has left his mark on many minds. I've no doubt, whose influence will extend farther than he could have dreamed, and most of it a good influence too.

If you see W. Cunningham, make him my sincere congratulations on his marriage. I hope his wife will help him in all good things. Few foreigners have left a better name behind them than St. C. and all his friends here are pleased to hear of his prosperity. Alas, how soon all this world's joys fleet away. It is 25 years since I left U. S. and the changes have been vast in this part of the world as well as in yours. May we be ready to join the great assembly around the throne on high
Truly Yours
O. W. Williamson

Shanghai, July 23. 1858

My dear Dr. Gray,

By the ship "Kremlin" I rec^d. last week your report of the collection of plants which Dr. Morrow took home, and as I wished him, deposited with you. It turns out to have been a far richer collection than I supposed it would be, and you have made thoro' work with them, and found out everything there was to be found. I have been trying to remember the looks of the new genus, the *Tricercandra*, from the description of it, but cannot assure myself whether it is the anomalous looking herb I found at both ports, & told Morrow that I guessed it would be a new genus if there were one at all. I am much obliged for your compliment to me in the *Aematis Wmsii*, & shall try to find it again if I ever see

Simoda again. If I had had a choice, however, I would have preferred the *Ionocera*, as Morrow has three named after him; for I think the honeysuckle would have been more likely to be known, as well as the handroom plant. Dr. Booth has written to Mr. Reed - whose wife is his niece - to collect *carex*, as he can get them, but Mr. Reed, who has no knowledge of botany, not even to know a *carex* from a *salix*, has turned the matter over to me. Shanghai seems not to produce many of that sort of grass, but it is too hot to go out to look for them now, at 92 F. & I fear the Dr. Booth will have to go without for a season.

We intend going over to Nagasaki next month, but there are no new plants there I fear, Siebold has collected them all, probably, and the summer heats are not so pleasant to botanize in. I must try to

get you something, however, for a collection of specimens will certainly give some new forms & stages good for comparison. You have complimented me so highly. I am bound to show how good a naturalist I am. Dr. Morrow was a great help to me in Japan, and neither of us would have got so much as we did, alone, for the company beguiled the way. I shall ever remember those walks over the hills of Simoda with pleasure.

You will have heard of the treaties signed at Tientsin with the Chinese ministers, and perhaps seen the American. China may be now regarded as accessible to people of other lands, but they ought to stop & learn something of the language before being allowed to enter her provinces. Have you ever seen my last performance, the *Tonic Diction* - any of the Chinese language? There are copies at the mission Rooms in Boston. It was a tedious labor.

will hand it to him. The two
go more safely in one than
in two envelopes, as I've found
by one or two trials.

I hope that Mrs Gray has
recovered the full use of her
limb & ankle by this time,
but such sprains are sometimes
long in recovering. Mrs William
was somewhat wained after her
return, from which she has now
quite regained her strength, and
sends her love to both of you
with

Yours affly

S. M. Williams

S. M. Williams



Newhaven, March
3. 1860

Dear Dr. Gray

I have just received
a few copies of a photograph
from San Francisco, and send
you one as a souvenir. I
venture to inclose one for
Prof. Ko, whose dwelling I do
not know the number of,
with the request that you

Manchester 18 Sept.

Dear Dr. Gray:

Dr. Wells is quite right in thinking that it is not worth while for him to visit Mr. Ko until some pupils appear.

Then, I think Dr. Wells could very materially assist Mr. Ko and his pupils.

I have received instructions concerning the method which Mr. Ko should follow from our graduate Mr. Drew (for many years in the Chinese Customs service) & from Mr. Hillier, long in the British Consular service; but both of them express the hope

that Dr. Wells will give
Mr. Ko some assistance at
the start.

It is, of course, doubtful
whether any students of
Chinese appear at once. The
notice of the provision made
by the University was very
late to bring students this
year. No undergraduates
should take such a difficult
study.

I wish we might have
the pleasure of seeing Dr.
Wells in Cambridge

Very truly yours
Charles H. Eliot

Prof. A. A. Gray

New Haven, 39 College St.

April 7. 1877

Dear Dr. Gray.

On my return to Peking last summer, I remembered your observation made when I was looking over your herbarium, that you had few or no plants in it from Peking and its vicinity; and set about gathering such as came in my way. They were fewer than usual, partly owing to my late arrival at the city, May 29th, after the vernal flowers had mostly passed away; but more owing to the lateness of the rains on 7th July which caused a meager flora during the next 60 days, as the parched ground had nearly killed a good

portion of the grasses and succulent plants in that particular region where I spent the summer vacation. I have not been able to name the whole series, but I have no doubt that you have Bunge or Maximowicz' lists & descriptions, and can easily correct whatever is wrong and supply what is wanting. I have had much pleasure in collecting them for you, and my chief regret is that the variety is so scant. Two packages of seeds are contained in the bundle now sent, and you may think them worth planting in view of their novelty and beauty especially the bladder tree. I think they will both bear the climate here, as at Peking they endure a winter in which the thermometer falls to zero Fah. and is dryer than this. The Vitis is fragrant in its leaves, as well as the blossoms, and in its native hills remains in flower during nearly six

weeks.

I send my best regards to Mrs Gray, whom I unluckily missed when I was in Washington last January. On that visit at Prof. Herry's house, I left some seeds of the *Baca hygrometrica* for you, which I collected primarily for the Kew Gardens, but reserved a part for you and for W. L. at the Botanic garden in Wash^g. yet I doubt your success in growing them, as the dryness may be necessary as well as the sudden rains in June, to their full development.

Most truly Yours,
J. Wells Williams

Dear Mr. [unclear]

Please give me some
information for Prof. Williams
guidance. I should like a visit
from him.

A. Gray

New Haven

Sept. 15. 1879

My dear Sir,

I have received two notes
from Mr. F. P. Knight at Shanghai,
strongly requesting me to go on to
Harvard College to see his protégé
the Chinese teacher Ko. I have
hardly had time to think the mat-
ter over, and I was in hopes to have
seen some gentleman connected with
the College at Saratoga, who could
tell me more about its surround-
ings & expectations. It ~~does~~ not seem
to be worth while to go there, unless
there are students under Mr. Ko who
may be pleased to get some general
directions as to their course of study,
some information as to the books in
use in acquiring Chinese, or hints on

the dialects which might guide them in their choice.

I have not learned anything as to the prospects of Mr Ko getting any students, but I see in one notice of his arrival that he knows very little or no English. This deficiency will rather force him to become a student in our language, I should think, rather than to expect students in his own.

I am quite willing to go to Cambridge in this venue, if there is any present adequate reason for the trip of the sort I have indicated. Merely to make Mr Ko's acquaintance will not be much of a return for the time it will take.

I therefore send you this note of inquiry, as the only member of the College whom I know well enough to state the case to, and shall be glad to learn your views, and what

the facts are and the prospects too, in relation to this experiment of Mr Knight. I should be sorry to see it fail, tho' I wonder a little that he should have sent a man who knew little or no English.

As you are coming to New Haven to address the Theological Students in the winter, I wish to speak in time to have you come to my house, if Dana is unable to do so.

With great esteem
Most truly Yours

J. Wells Williams

SOUTH DAKOTA
AGRICULTURAL COLLEGE AND EXPERIMENT STATION.

DEPARTMENT OF
FORESTRY, HORTICULTURE AND BOTANY.

CHAS. A. KEFFER, PROFESSOR IN CHARGE.
TOM A. WILLIAMS, INSTRUCTOR IN BOTANY.

Brookings, S. D., Feb. 23 1891

Dr. S. Watson
Harvard University

Dear Sir:

What can you furnish me a set of Gray's
Contributions to N. H. Botany for? Also
What can you furnish a set of your own
"Contributions" for?

Very Truly Yrs. H. Williams
State Agr. College
Brookings
S. D.

Brookings S. D.

Dear Dr Watson: 3/4 1892.

Am again trying to get hold
of a set of your own and Dr. Gray's
Botanical contributions.

Prof. Keffer purchased a set for you last
year but he has left us for a position
in the Mo State Univ. and of course took
his set with him.

As I have not as yet rec'd my appro-
priation for book etc. I shall be obliged
to buy myself.

Will you kindly send me such
of your own & Dr. Gray's papers as you
can spare together with a bill of the
cost. I can then perhaps pick up
some at the various dealers. I should
like as complete a set as possible but
I expect that it will be rather dif-
ficult to get them all.

Very Resp^{ly}

Thos. A. Williams

Agt College

Brookings S. D.

41, 8.6
 3. 19.0
 37. 19.6

London Jan 24/53

For the amount of your
 letter of the 4th inst enclosing
 Draft on Schmidt for 18: 18: 00
 we have been duly honoured
 and now enclose a copy
 of our acct discharged.

The balance shall be paid
 if as you desire - we
 have an account with
 Professor Harvey which we
 shall be settling this
 week - and give him credit
 for the sum we you have
 left in our hands viz

£ 1: 13: 6

We are Sir
 Yours faithfully
 William Lloyd

S. A. S. S.

Williams & Morgan

Foreign Bookellers.

14 Henrietta-Street, Covent-Garden.

London, Dec 22 1851

Sir

We received the morning papers of the 8th inst and they bore in answer to state, that the note of expenses for the parcel from Munich was no duplicate of any previously sent notice - also that we have not received any letter from you since you were here. -

Had we been aware that you were the Secretary of the Academy at Boston we would not have waited but sent the parcel by any of the American Bookellers here. - We did however before sending the circular by Delf, but he ~~did~~ would not pay without a special order from America. -

We shall for the future request Dr. Martineau, to send the parcels to Rodius of Hamburg, but if any should come head me and forward them at once noting the expenses to you, as we have done with this parcel. -
We regret we have not been able before to secure the books of Percy Poffing for

you but they had not occurred in any
sales till lately in Link's and that being
only just concluded we had not yet received
our purchases which however are very
considerable - and as we went to the ab-
scent of our tether I am hope your books
are amongst them. -

Your enclosures were duly posted
We are Sir

Yours &c &c
Wm. M. Sturgate

Dr Asa Gray
Cambridge U.S.

63 Market Street
Louisville Ky

Prof Gray

June 15 1890

My Dear Sir

I will mail you on Monday evening a copy of my "Ferns of Kentucky". This is my maiden attempt at book making but I am willing it should go out on its own merits, any faults that you should see I would be glad to have you inform me at your convenience. I have tried to be careful with my plates, but even with all my care I see they are faulty. In my experience I find the texture of ferns is the most difficult to get. The mere drawing is very simple. What I have aimed at principally is to get the facial expression of the plant.

The *Botrychium obliquum* I think is the most characteristic as regards this. What I would like to do, if my time will permit, would be to get the range of every fern in this state, or what would be better would be to locate every fern indigenous to the Ohio Valley. If you should know of any Harvard students who intend going

Prof Shaler's Summer School, will you be kind enough to draw their attention to this matter.

I will send copies of my book to The "Nation" & Silliman

Yours Respectfully

John Williamson

its stem has no more to do with
Calamites or Equisetum than with
Lycopodium or Lepidodendron today.
Knowing of the fact that I have pub-
lished my discovery that Calamostachys
in some of its forms was a hetero-
stemon & trochilus - what an Equis-
etiform plant is at the present
time. What re-shuffling of the
palaeophytic cards enabled the true
Equisetites of the Keuper to spring out
of the polymorphic "Calamariae",
of the Coal measures & the Permian.
Can your clear head throw no light
on these problems. If not be prepared
when you return Eastward to
spend days & nights in reviewing the
evidence affecting these problems.
My Dear wife join me in loving
remembrances to you & yours. My
son is still absent on his wedding
tour. he & his bride return on
Thursday. Can you get me a supply
of cones of your two Sequoias and
of your Swamp Cypress? and pray
remember the slender Dadoxera -

Ever affectionately yours
W C Williamson

Fallowfield July 17th 1882

My Father Friend -

I have for weeks past been
intending to write to you but the
exigencies of a hard-working time have
led me to postpone the pleasure.
A clasp of 83 has required incessant
vigilance & effort - But on Friday
& Saturday I completed my final
clasp examinations and last night
saw me through the last of the
papers. The first vacant hour this
morning I devote to you. Inprimis
thanks for your "Contributions" what
would I not give for your extraordi-
nary knowledge of Systematic botany
but realise a poor fellow who up to
a dozen years ago had to teach Human
& comparative Physiology - Geology
& Botany - and who only got rid
of the animal Kingdom three years ago
and then understood how vainly he
has to sigh after knowledge that
ought to have been gained had it
been possible four or five decades
ago. Add to this the exigencies until
lately of an extensive medical

practic - and then rejoice in you -
but which has enabled your genius
to reel, with undivided attention
amongst the objects of your af-
fections: However what remains
not to sigh over the past but
to make the best possible use of
present opportunities.

I am now striving to see my way
to a comprehension of the genetic
links, so far as they can legitimately
be conjectured between the existing
forms and previous ancestors
of the Cryptogams and the Gymnos-
perms. - As to the latter I have
now a strong conviction that our
British Carboniferous Dicotylones
and most probably your Canadian
ones were the ancestral stock of
the existing Salisburias - but I yet
need a careful study of the botanic
Gymnosperms; young branches of
which, in which structure is pre-
served truly difficult to get. Hence
many links are & must be missing
then I cannot see my way through
the Ferns. If it be true that the

Gymnosperms are the lowest of the Fern types -
we ought to find them prevalent in our older plants -
bearing such - but we find so - instead of
that we have tree forms & herbaceous, shrubby,
or like macrocarpous Deciduous - Arbutus and
other highly organized forms - in which the fructification
as far as we know it, has wandered far from the simple
half spore-like type of the Gymnosperms. Then again
these perfect are our Calamites including all the
Carbonate forms of Arthropods - amphibians
and Strophylites. That our Carboniferous Plants in-
cluding Calamites forms & the Gymnosperms
are, & too obvious to be overlooked. It is where
are the Gymnosperms fructifications. Certainly not
in our Carboniferous Plants but in Arthropods Plants
Strophylites & our Carboniferous Plants Arthropods
The nearest approach to the point of the living Gymnosperms
of any of our Carboniferous Plants of the last measure but

separated in the ancient trees
for obvious reasons. Gigantic
roots were needed to uphold
gigantic ~~stems~~ & vast branches.
Such huge structures were
incapable, by themselves of
^{directly} taking up the nourishment
from the soil. The delicately
organised rootlets did this
work - & these very rarely branch
but the dual form of the
aggregate of the root-structures
simply represented the two
morphological features of
Dichotomy & internal organ-
isations now found in the
dwarfed rootlets of *Lycopodium*
& *Selaginella* -
with affectionate remembrances
to Mrs. Gray from wife & self -
ever yours W. C. Williamson

William D. C.

Fallowfield

Manchester Dec. 11th 1882

My Dear Friend

Many thanks for
your kindness in sending me
two relays of specimens - all
of which reached me safely.
Here all is going on as usual
work work ever work - sometimes
with results - often without -
or with but negative ones -
yet even these latter are often
like signposts - preventing one
wandering further along a wrong
road - Tell me what you

Think of the following:
You are aware that the true
exogenous roots of *Lepidodendron*
& *Sigillaria*, (*Stigmaria*) are
true sympodia - their dichotomous
branching being most
characteristic of them. But
these dichotomizing structures
give off rootlets which are
arranged quincuncially upon
Now the structure & position
of the unipolar vascular
bundle of each of these
rootlets is identical in
structure with that of
the roots of the living *Lycopods* - in which roots
alone - amongst living plants

Do we find any similar
examples of true sympodial
branching -
Looking at these facts
~~may~~ in the light of Evolution
may we not fairly conclude
that the double characteris-
tic of the ancient roots -
rootlets referred to - divided
between the two organs
have gradually combined -
so that in these recent *Lycopods*, the degenerate des-
cendants of the ancient tree
they are combined in the
single organ - the dichotomous
root. The two features were

Perforated Stigmara which
has all its roots extended
over a square area of
30 feet from side to side
I have already got it re-
moved from a quarry in
Yorkshire to Manchester
without a fragment being
missing. This fossil alone
will be worth your crossing
the Atlantic to see!

My wife joins me in
loving remembrances to
you both, rejoicing as I
do in the almost certain
hope of seeing you here.
I am as ever yours

W. C. Williamson

Williamson

Fallowfield
Manchester
Oct. 2nd 1886

My Dear Friend -

We are now making
arrangements for
the meeting of the British
Association at Manchester
in the autumn of next
year - and we want you
and Mrs Gray not only
to come to that meeting
but to be our guests.

It perhaps not diminish your willingness to do so when I tell you that both Saporta and de Bary of Strasburg will be with us - a jolly symposium of Botanists if only you came to complete the quartet. Now don't say that you are not intending to come because I know that you are. Balfour tells me that before the time of the meeting he will have something ready for you that you want to study - so just sit down at once and send me the reply "all right". It will save much trouble if you do so because we intend you to come - wind & weather permitting! It will be such a pleasure to see you and dear Mrs Gray and again.

When you come I shall be able to show you the grandest fossil plant in the world. It is a

but to know that the
hearts of dear friends beat
sympathetically with ours
though four thousand
miles apart, is no small
blessing. Let me ask one
thing. Let me feel sure
that when I hear nothing
from either of you, I may
feel certain that all is
going well with you both.

My dear wife and all my
young people here, join
in most affectionate
remembrances to you
and yours.

Your veteran friend

W. L. Williams

Fallowfield

Oct. 28th 1887

My very Dear Friend

Your letter announcing
your safe arrival at home
was indeed welcome and
would have been answered
at once but for the fact
that a precious box was
on the water & might be
expected to arrive within
three or four days; and
so it has turned out. It
arrived here this morning
with all its contents in
perfect condition. I

immediately forwarded the
specimens to Hooker who
will I expect, receive them
tomorrow. I am indeed
obliged to you for your
promptitude in gratifying
my wishes, and in the
success which has crowned
your kind efforts. My
gardener & I have already
been busy preparing the
compost in which to
plant these ^{roots} ~~seeds~~ tomorrow
morning, when I trust they
will prosper..

So you are now one more
moving and acting amongst

all the scenes of your earlier years -
Somehow I long to see those scenes
so that I might realize you and your
dear wife at home. Of these however
I see but a poor prospect. Being so
interested a sailor I finally decided the
winter. Anyhow your last visit
to us has been more precious than the
preceding ones because it was longer
and has left a host of sweet memories
behind it. Whether or not we shall
all live to meet again no one can tell

of plants which are meet-
tarily mere names to us
Europeans - So many of the
genera even are unknown
to us except from books
I wish we had here a
good flora of America
analogous to our Ponceby
British Flora - but if
such a work exists as
the American Flora, which
I presume is not the case
the expense of it would be
no joke. Pray remember
me & give me a hint if
any memoirs bearing upon
your American Flora, not
likely to have met my eye
make their appearance. Give
the loving remembrances of
Mrs Williamson & myself to
Mrs Gray. Your brief stay

amongst us is associated by us
with sunny & kindred memories
Come again as soon as you can &
receive the heartiest welcome from
- ever yours - W. C. Williamson

Fallowfield Dec 4 1887

My Dear Friend

I gave us very great
pleasure to find that you and
Mrs Gray had arrived safely
at home - Many thanks too
for the portrait which will
find its merited place of honor
beside-a us to that of Sarah in
my Album of Savants - Your
memoirs too are just what
I wanted. I have read and
re-read your "Lecture" until
I have it almost off by heart
but I want to consult
two or three maps marking

first your Forest regions -
And your Rainfall regions
& thirdly one marking the bound-
aries of certain plant types.
This question of plant-
geography is interesting me
much just now. I have
been obliged (in Nature) to
utter what our friend Dawson
calls "a mild protest against
Spartan hasty generalisation".

Now that you are back
in the land of Sarracenias
other western forms pray
remember my *Dracopis fili-*
formis when the right time
comes and if you can help
me without trouble if any

inconvenient measure.
Have you paid any attention
to Dawson's *Prototaxites*? It
appears that it has recently
been discovered in the
Silurians of Wales. & it
is curious that both on
your side of the Atlantic
& ours it is found asso-
ciated with a body desig-
nated *Pachytesta* but
which Dawson sends me
word is really the seed
Arthrotesta - which he
believes to be the seed of
his *Prototaxites*.
My opportunity in studying
your learned papers arises
from the enormous number

Prag, d. 30. December, 1891.

Hochgeachteter Herr!

Es thut mir sehr leid, dass ich Ihnen nicht die gewünschte Auskunft bezüglich der Lobelia fasciata A. DC. (*Rapuntium fasciatum* Boiss) geben kann. Das unter meiner Aufsicht stehende Universitätsherbar, welches einen grossen Theil der Preussischen Herbarien enthält, aber nicht das ganze, besitzt jene Art nicht. Möglicherweise könnte dieselbe unter den Preussischen Pflanzen sich befinden, welche seiner Zeit dem Herbar des böhmischen Museum erworben worden sind, weshalb ich auch eine Anfrage an dessen Curator, Prof. Dr. Čelakovský richten will.

Gern bereit zu ferneren Diensten zu stehen hochachtungsvoll

Dr. M. Willkomm

Chaparral,
Repub. of Colombia.
S. A.
Jan. 31, 1892.

Dear Prof. Watson,

You have doubtless been at the Office lately and heard of my departure for Colombia with some friends. I thought I saw an opportunity down here to get more fever & jiggers, but I shall bottle them this time and not let them get me.

I take the liberty of sending you a few seeds of a Sensitive Plant which is quite common here, growing in the grass by the sides of the wretched paths & miserable time-worn trails, — for there are no roads around here — and which I thought might interest you.

There was something of the same sort in Guatemala, I think; but if I recall rightly those in Guatemala grew more in the form of bushes,

while this keeps close to the ground. It acts exactly like a sea-anemone when touched, even the stalks & stems dropping at the joints instantly when touched.

On my way to the Mine in the morning I will endeavor to pick a few leaves & a blossom also.

I dare say you may already have the plant in the Gardens, but yet it may be a new variety that you have not got.

The climate or temperature here is about semi-tropical; the heat is sometimes intense during the middle of the day, but the nights are very cool. This will perhaps enable you to determine how to care for the seeds. They appear to grow equally well in wet & dry places.

Hoping you are well,

I am,

Respectfully yours,

Horace M. Wilson.

Warrington 12th May - 1853.

My dear Sir

Though still much pressed with engagements, I think it best to acknowledge and discuss your kind communication as once, lest I should postpone it to an unreasonably late period, not knowing when I shall be actually at leisure - Many thanks for your remittance of specimens of mosses - I shall take them in somewhat systematic order.

The *Sphagnum*, No 16, must rest as it did, until we have fertile examples to guide us -

Atrichum lasifolium, No 20, might have been better named, I grant, had the eligible name, been unoccupied - "*Brevicarpa*" however applies as closely as more so to *tenella*, whose *diagnosis curvis*, ^{Would you like *A. calyptra* better?} very much in the short capsule - At present I can think of no name that seems better than the one already applied which was not given without reference to the allied species, & especially *tenella*, from which indeed I am not yet quite satisfied that it is essentially different as a species, not having good examples of *tenella* for comparison - I am glad to have *A. angustata* gathered at the same place & time -

Grimmia (No 17) - Specimens lately sent are certainly monocious, & therefore should belong to *G. Doniana* (var. *obtusata*), but the leaves differ somewhat in areolation &c - I believe now we must refer it to *Doniana* rather than to *alpestris*, of which I have no example -

Dicranum (No 23) is *D. gracilescens*, Schwaegr. - allied to *polycarpum* -

Surely, No 1, formerly sent, belongs to *Diclymedon cylindricus* (*Weissia tenuirostris* H & L) of Bryol. Europ. - why not? - none of your No 21. belongs to it - That number is a mixture of several diverse mosses -

No 21. *D.* and the principal paper marked 21. is partly *Leydon lapponeus* (Bryol. Europ. (*Gymnost. "auct."*) in mixture with much barren *L. Mongestii* -

No A. *L. Mongestii*. (barren) - fertile specimens are rare, but are to be found occasionally.

No C. (barren) Perhaps *Weissia Schisti* - *Rhabdoweisia Schisti* Bryol. Europ.

I do not pretend to identify barren forms of *Bryum* - Experience teaches that it is impossible to explore barren examples -

No. maybe a state of *B. Lindbergii* - 28. I cannot well name; nor 27. - but neither of them are very different from some states (reputed states) of *B. Lindbergii* -

No. 25 - a form of *Bryum elongatum* - 24. appears rightly named *Wahlenbergii* -

No 29. Probably *Mnium spinulosum* (Bryol. Europ.); not *orthorhynchum*, certainly - & I believe different from *M. serratum* - I am not at all familiar with *spinulosum*, a very recently discovered species -

No 42. *Festucalis Dalecarlica* Bryol. Europ. ! a very interesting moss, of which I should be glad to have more (any quantity almost) in a good state - very different from *L. disticha*. H & L.

No 41. *L. squamata* (male plant) - I see no striking deviation from the typical form.

No 43. (*Dichelyma falcatum*) I am very glad to have specimens of this - being only scantily supplied with European No 2

No 34. partly the genuine *Hypnum deplanatum*, and some of it with better capsules than I had previously (I still thirst long for perfect & plentiful examples in fruit & the male plant as well) partly a very interesting species which may be new, also in fruit (but imperfect, wanting spore) with leaves more produced & acuminate (almost piliferous) with enlarged yellow cells at base of leaf; at present I propose to call it *H. lepidum* Mss. - shall be glad to have it in good state. It is a beautiful species - allied to *H. affine* Hooker -

No 30. *Omalia trichomanoides* Bryol. Europ. (*Hypnum auct.*) certainly not a *Neckera*.

No 12. with *Neckera complanata* I find mixed the young growth of *Leskea attenuata*

of *Hypn. attenuat. monnull.* Anomodon - &c.) not *L. papilis*.

* I would not be thought hypocritical; but do the savans of the day allow names compounded into one word from two languages? "*Brevicarpa*" is a hybrid word in the estimation of some & inadmissible; but it sounds better than *brachycarpa* - unhappily there is no good & euphonious Latin word (except *capsula*) for *theca* or *carpos* of the Greek.

Nº 32. I consider to be a beautiful state of *Lekia polycarpa* - (Glynn. medium W & V.)

Nº 38. a timid form of *Glypnum palustre* -

Nº 11. previously sent & named *H. depauperatum* Mnt. will be perhaps more safely regarded as one of the many forms of *H. rivulare*. Drysl. Europ. - C. Müller would fain have us call this species *H. caryostomum* Richard; but I am disposed to think him in error: at any rate, the evidence that I have seen is contrary to his opinion -

Nº 36. I am glad to have *H. hians* in any state; but hope to have it in better state of fruit, eventually - How strange that Müller should refer this and *H. Swartzii* to *prolongum* & yet set up so many questionable & intangible species of his own devising!

Nº 40. may be *H. graminicolor* of Bridel - but I have only conjecture to offer on the subject - nor dare I yet to assert that Nº 40 may not be a state of *prolongum*, though I incline to think it different -

H. oakesii is acceptable, though barren - Can you say which is the older name, *Oakesii*, or *Pyrenarium*?

Nº 39. agrees well enough with the form called *H. Vallisclausae* of Bridel - usually regarded as a state of *filicinum*, and I thought I could trace one into the other a few years since in Wales - Yours is an extreme state, well marked & rigid - *H. fluviale* is a monocious species & very free in bearing fruit, but not frequently occurring in any state, being quite nomadic with us -

Nº 37. Interesting - *H. montanum* Mnt. is the provisional name; but it may turn out to be only *H. Halleri*, forma aquatica, ramis elongatis erectis, foliis falcato-secundis!, minus acuminatis - certainly not *dimorphum* - Pray look out (in the locality) for the typical *H. Halleri* (foliis squarosis undique recurvis) on drier rocks - It is instructive & teaches us not to push certain distinctions too far, or we may be mistaking local affections for permanent characters - C. Müller would make a species of it at once -

Nº 44. seems to be in fruit, & if so is interesting - barren examples were gathered by Drummond, and in that state could only be considered as a metamorphosis of a common species of *Riccia* -

Nº 32. a state of *Glypnum cupressiforme* - barren -

Nº 31. barren - I cannot venture to name - I think best. or *H. tennicaule* of Spruce is not much unlike it, if at all - but this is a barren spec. also & unsettled -

As to *H. rutilans* - I shall of course use that name in preference to *misellum*, if it rests with me - but C. Müller has a *H. rutilans* (found in Venezuela &c) quite different from mine, of which he seems never to have been cognizant; or else has merged it into *H. pulchellum* Dicks - as a variety -

I think I have now gone through the list, so far as comment is needful -

Your letter gives reason to suppose that you expected the box to be forwarded to me direct from Liverpool (which is only 18 miles from this place; and the Railway brings parcels of any weight under 14 lbs for sixpence) - It was however sent to or left with Sir W. J. Hooker, at Kew, 200 miles off - It is on every account desirable to have your despatches direct from Liverpool -

I sincerely hope that your good wife & the little one, are long ago recovered from sickness, and that both you and they are in the enjoyment of health and every other blessing - My own health has suffered much during last winter and autumn, but I am tolerably well now & hope to get up my arrears in a little while

If I can find time I intend to attach morsels of such snips as are incidentally named in my letter and not perhaps sufficiently known to you by name -

I intend to forward a parcel to Mr. Schimper shortly - Mr. Bruch has been dead some years -

On reconsideration I think I will decide on substituting the name *Atrichum crispum* for *laxifolium*, although it is less of a contrast & almost synonymous with *undulatum*; but suggestions from you are still welcome - I like short names, when they can be had -

Believe me

Ever most truly & faithfully Yours

W. Wilson.

Glypnum
Halleri
Scotland
(Ben Lomond,)
Aug. 1836.

H. dimorphum
Ben Lomond
Aug. 1836.

Lepidum

H. depauperatum
(barren)

H. Lepidum -
Wils. Mnt.

J. P. James, Esq.

William Nelson
12 May 1833

Received of Mr. Nelson
the sum of \$100.00

W. Wilson
Manchester Road
Warrington
Sept^r 28th 1855.

My dear Sir,

The visit to Warrington of our mutual friend Mr. N.B. Ward, has reminded me of my past neglect of several letters which I have received from you; and I now wish to make the best apology I can for such omission - Pray accept my sincere thanks for these letters, & my assurance that I should have answered them in due course, had not some insurmountable obstacle presented itself at the time. I have greatly regretted my inability to respond promptly to the favours of correspondents, but through illness and multiplicity of urgent engagements, have fallen sadly into arrears.

Accept, first, my grateful acknowledgments for your kindness in conveying & forwarding to me a packet from our good friend Mr. Schimper, in Sept^r 1850, which came duly to hand - You were then about to leave London, on a visit near Hereford, and I did not know you & I drop, as indeed, that of Mr. Bentham.

Your letter of Nov^r 1843 mentioning a parcel of books, sent to me by Mr. Sullivan, & from the

Circumstances, I think I must have answered
the enquiry about it, safe arrival through
Sir Wm. Hooker, if not by direct reply, as referred
to you at Harvard University - Yet I have my
misgivings on the subject, and dare not now
assert that the letter was, duly, answered - At
any rate, Mr. Sullivan obtained the requisite
information preparatory to his publication of
the maps of the Alleghany Mountains -

Your letter of Decr. 1842 accompanied the
package of maps in question, and I did at my
very earliest leisure examine and name the
specimens sent for that purpose, and I believe I had
from him a later communication of the same
kind, through Sir Wm. Hooker, which was discussed
in the same way, and he has long since received
what assistance I had it in my power to render -

I trust that my involuntary silence was
not considered indicative of any want of respect
or willingness to obey your wishes; for he assured
that I have long entertained towards you a deep
and sincere veneration for the services you have
rendered to Science, with sentiments of benevolence
and esteem, as to one whose personal acquaintance
I should be proud to happy to gain, which I hope
some day to be favoured with - Meanwhile, be
pleased to accept my best wishes for your health
prosperity & happiness. I believe me

Most faithfully & respectfully, Yrs,
W. Wilson.

Paddington n. Warrington
Nov^r 14th 1868

My dear Sir

Most gladly would I have replied more promptly to your kind letter, but circumstances prevent my writing sooner — I am reminded of my omission to ask you to put my name down for a set of American Mousse, issued some time ago, and I fear I neglected then to answer your letter on the subject, I also was remiss towards Mr. Sullivan in an equal or greater degree. My health gave way about that time, and numerous other engagements fell into arrear, much to my regret, but this was unavoidable, and I hope you will pardon me for being so long silent and accept my apology — At that time I see I was about to inform you that among a number of specimens sent to me for inspection from Cambridge University College there was one ~~masses~~ gathered by yourself & Mr. Carey, in Virginia or Carolina which I made out to be *Fontinalis gymnostoma* of Boryol. Europ. (*Cryptogonium Rhombophii* C. Müller in Linnaea.)

of which I felt desirous to have a better supply from you; but even this strong inducement seems to have failed to rouse me to exertion at the time -

My health has, somewhat improved of late, though I am still an invalid, and not capable of much exertion. I tried to get out last summer into Scotland, but was much too weak to ascend any mountain and failing appetite (at all times very poor) compelled me to return - I hope to get stronger in a while, but at present, a very few hours of sedentary work exhausts me for the day, & I must defer saying more, until I can look up your former letter, and refer to the notes sent from Cambridge - Should any set of the notes remain I will gladly take them as offered on a former occasion -

I enclose duplicates of my photographic Carte de visite and shall be delighted to have yours as well as that of Mrs Sullivan.

I hope the delay will not prevent my having them - Believe me

My dear Sir
Most respectfully & truly Yours
W Wilson

Rev. Asa Gray.

UNIVERSITY OF PENNSYLVANIA,

DEPARTMENT OF BIOLOGY.

Philadelphia, Nov 26th 1887

Dear Dr. Watson

Excuse the delay
in sending back the pamphlet
which you now have in your
hands - In moving it - got packed
up with other thing - but was
safe. I sent to Florida for
more of this small species
of Tillandsia - The cedar
tree on which I got the
first - had been cut down

and so the person whom I sent
8 miles into a forest after them
was not sure of the same plant.
I sent you the result some
time ago—What do you think of
them?—I am doing some
work on the scales & seeds &
hope the plant is a new
species—I may be able to send
you better specimens later

Very sincerely yours

H. P. Wilson

in the alcohol before
they will.

Have you a tree of
Abies balsamea growing
in the garden?

If so will you kindly
send me two little branches
in an envelope or news
paper, one from the
most sunny + one from
the most shaded position.

Thanking you in advance
I am very sincerely yours

W. A. Wilson
Dept. Biology University of Penn^a

May 29th -

My dear Mr. Fernald

Such special mountain
plants as inhabit the peaks of
our mountains and touch lower
levels farther north where you
are going, I should like very
much. For your general
collection I might not care,
but for all special mountain
plants I am on the watch,
and especially the same species
at different elevations, with
as accurate registry of the
elevations as possible.

Better than all else I should
like a couple of lightning pint-jars
filled with 95-perct. alcohol, taken
into the field (one at a time) and to
have ~~you~~ put in these a

Couple of leaves from such plants as are int. plants farther South. The leaves can be rolled up close, with a piece of paper (in pencil) marking the locality - elevation & species. Each little roll ~~with a~~ tied with a thread or small string will take little room.

Into one pint-jar, 25 to 40

specimens can be placed.

Such preparations are later much better for microscopic exam. than dried ones.

Where ^{leaves from} trees are taken, secure two leaves from the south or a sun exposure and two from a securely shaded portion

of the tree as possible.

In high mountain plants the structure of the leaves in the shaded parts of the tree differs very materially from that of leaves in the sun. The shade leaves can be always knotted



thus with a knife

so they may be known without - other marking.

Two pints of such specimens would be worth more to me than the dried preparations. The leaves must be put -

Jarvis Springs March 4th 1891

Dear Dr. Watson

- and I thank you very much for your information. I do not wish to persecute you with this Fla. stuff and yet - I wish very much to be sure that I can properly identify them however. I therefore send you another box -
- No. 15 - with small white berries in racemes, shrub 1 to 3 ft high, leaves slightly thickened, on the islands West Coast Fla -
- No. 16 Thickened leaves, in clusters with fruit + flowers - Ovary inferior, 2 celled, calyx + corolla each 4 lobed, stamens on corolla 4, Should be *Styrax* family? but I do not know what it is, low shrub one to three ft high on island -
- No. 17th Shrub 2-5 ft high on the island. On the naked branches are clusters of staminate flowers - 4 or 5 stamens to the flower -
On the branches full of leaves are no flowers
- No. 18 Cyperaceae on sea shore
- No. 19 Parasitic on grasses, low shrubs, on everything it touches (*Cuscuta*)
- No. 20. Compositae of some kind. Leaves slightly thickened. On the sea shore. I am finding many plants which turn their leaves up vertically to the sun, or on the edge by twisting the petiole. This one does this in a most remarkable manner. I want therefore to get its name if I can -
- I am finding shrubs + trees which imitate the Australian vegetation in this way, in order to prevent a too rapid transpiration, the mangroves, *Acacias* and others all do it -

Very sincerely W. D. Wilson

Calder send me the
names of the Nos
to Phil^d University of
Pa — I shall be very
thankful. Most of these
are not in flower. I
am getting some very
interesting things out of the
Mangroves, Acaecias and
Combretaceae — They all
turn their leaves up vert.
to the sun to prevent
evaporation — So also
does the small tree with
skatulah which I
send today — Every leaf
on the tree is pointed
at the sun, and they
move during the day.

Very Sincerely

N. P. Wilson

42 Cornhill Boston
Dec 13th 1864.

Prof. Gray

Dear Sir,

As an old pupil of the class
of 1859, I take the liberty of addressing
you. Enclosed you will find a small
portion of a material obtained from
the fibres of the *Asclepias Cornu-
ti*, an invention lately brought to
my notice. It is proposed to use this
in connection with silk, wool, or other
material, for felling, & making other
fabrics, & experiments made with
this object have been quite suc-
cessful. The inventor tells
a patent has been refused him
on the ground that the invention
is not a new one, the *Asclepias
Syriaca* having been used in a
similar way in the latter part
of the last century, & I wish to
ask of you the favour of informing

me whether these are different
species or only different names
for the same, as he has been unable
to discover. The specimen I enclose
has been carded. I have none of
the raw material. If it would
not be asking too much, I should
like you to give me the above infor-
mation, & anything else of interest con-
cerning the plants bearing on this
point. I am with great respect & regard

yours

J. A. Winslow,

I am very likely to have time to come
to Cambridge for a week or two to call
on you in person. I have written. Please
address 42 Court St. Boston.

Books sent to Herbarium Jan. 27, 1880

Thoreau	Flora Americana	Ref ^d June 1884	[2] vols.
Allioni, C.	Flora Pedemontana	3 vols. in 1 [Returned.]	✓ 3
Barton, W. P. C.	Flora of N. Amer.		✓ 3
Berler, B.	Hortus Eystettensis		✓ 1
Bonafous, M.	Hist. Naturelle du Maïs		✓ 1
Burmach, J.	Rariorum Africanarum Plant.		✓ 1
Caranilles, A. J.	Descript. Plantarum (vol. ^{1, 4, 5} 2-6)		✓ 3
Garidel, P. J.	Hist. des Plantes		✓ 1
Gerard, J.	The Herbal	[Brought to Herbarium]	✓ 1
Gerner, K.	Opera Botanica.	1 volume	✓ 1
Hort, H. J.	Icones et Descript. Gram.		✓ 4
Howard, J. E.	Nueva Zoologia	[Returned.]	✓ 1
Humboldt and Bonpland.	Nova Genera Plant. (vol. ^{1, 2, 5, 6} 3, 4, 7)		✓ 2
Kuhn	Mimoses.	2 volumes of sheets = 1 vol.	✓ 2
Jacquin, J. F.	Eclogae Plantarum.		✓ 2
Lindley, J.	Collectanea Botan.		✓ 1
Meyer, G. F. W.	Chloris Hannoverana		✓ 1
"	Flora des König. Hannover		✓ 5
Plumier, C.	Nova Plantarum	[Returned.]	✓ 1
"	Traité des Fongeres		✓ 1
Rudge, E.	Plantarum Guianae.		✓ 1
Spach, E.	Hist. Naturelle des Vegetaux		✓ 14
Trew, C. J.	Plantae Selectae [Brought to Herbarium]		✓ 1
	in small box		490

Sent by order of the Corporation.

Planta Americana. [Returned.] [1]

over

Aug. 31/87 - Lange, Bidrag x Syn. x krit. Arker +
 Basim, Monog. Hedyari
 Bradley, Hist. succ. Plants
 Bury, Hexand. Plants.

Dec. 21/82 Miller's Dictionary - folio 1759

35
 49
 84 vols

Books now in Dr Gray's possession

Cavanilles, A. J.	Descript. Plantarum (vol. 2. 3. 6)	✓ 3
Flora des Serres	Vol. 1-14, 16. 17, 19-22 & Index	✓ 21
Gärtner J.	De Fructibus Plant.	✓ 3
Humboldt and Bonpland	Nova Genera Plant. (vol. 3. 4. 7)	✓ 3
Strasburger, E.	Die Coniferen u. Text and Atlas	✓ 2
Ventenat, E. O.	Descript. des Plantes.	✓ 1
Wangerheim, F. A. J.	N. Amer. Holzarten.	✓ 1
Wittstein, G. C.	Etymol. Botan. Nomencl.	✓ 1

HARVARD
 COLLEGE
 LIBRARY

Jan 20. 88.

The above books have been
 regularly in the past deq^d to
 Dr Gray, who now has them.
 Unless there is some question
 as to this, the change will be
 cancelled, and the transfer
 noted in our records. Mr.
 Winsor would be glad to know
 if this is right.

Sent to Herbarium Feb. 3, 1880

Salton and Wright.	N. Amer. Botany.	Ret ^d Oct. 31/67	1
Gaudichaud.	Voyage Monie. Botanique.		2
Hernandez.	Herb. Plant. Nov. Hispaniae		3
Jacquin.	Plant. Rariorum Hortie. & Selting.		4
Peck.	Catalogue of Botan. Garden.		1
Redoute, P. J.	Les Liliacees	8	$\frac{8}{19}$

Feb. 3. 80,

Dear Sir,

This is to list of what sent to you.

Justin Bourcier.
y

W. A. Gray.

We have also

Ray Society - Bot. & Physiol. trans. 1853

1 vol.

Vol. 84

19

$\frac{1}{104}$ total
02



Copy

Cambridge, Mass.,

Core Hall, Jan 17 1871.

To the President,

Sir, -

It appears that Prof. Asa Gray, during his sojourn in Europe, is buying books for the Herbarium library, acting upon the very good knowledge of its deficiencies, which he has, and taking advantage of such opportunities as he may find to buy to advantage. This work is him if covered by the vote of the Corporation of Dec. 13, 1860, so as to require action ^{on} and his part as if he were

in Cambridge, may be
unfavorably affected;
and it may be enough
if we simply catalogue
and register what may
hereafter be sent by Miss
Mrs. Furdie; and so far
depart from the instructions
assigned to.

I shall therefore con-
sider that further action
on my part in this par-
ticular, would in a sense
be making the order of a
subordination prospective.

which was not intended,
if any view of the case
warrants for correction I
shall be obliged for a
word from you.

Very truly

Yours truly

Librarian

}

LONDON, 15 Piccadilly, W.

4 January.

1882

Harvard College

Cambridge.

Mass.

USA.

to BERNARD QUARITCH.

All Books ordered, whilst in transit, are at risk of Consignee. P.O.O. payable at Piccadilly Circus.

3243.

to
Mr
J. J. Smith.

✓ 6792. Martius, 16mo.

✓ 6811. Presl Flora Sicula, 8vo.

✓ 6845. Thompson English Flower Garden, 4to.

6677, 86, 90, 6809, 66 - sold.

£ s. d.

2 6

7 6

10 6

£ 1 . 6

Dear Mr. Watson, -

The books on this
will have been rec^d
and will be sent
to you shortly. I
have duplicate of
the bill for our
accounts.

Yr Justin Cronin

Feb. 6. 82

Received from the College Library
Nov. 28/67

Willkomm & Lange, Prod. 72. Hisp. -	Vol. 3
Reichenbach, Xenia Orchidacea -	" 2 +
Pfeiffer & Otto, Cacteen -	" 1

Jan 12/68 Berg & Schmitt, Darstellung	" 4.
---------------------------------------	------



Cambridge, Mass.,

Gore Hall, May 12. 1888

Dear Mr. Watson -

The number with the
Flora Brasiliensis seems
imending. I have just
now tidings that Fasc 102
is on the way to us, with
copies to Columbia Coll;
Botan Soc. Nat Hist; Amer.
Acad.; State Agric Coll. of
Ohio, as before, and I
have again written for
others.

By the enclosed letter
which came with Fasc.
101. It seems that they
are going to stop the printing

Copy 4th N Gray, which I
suppose is your Herbarium
Copy. Acccording they send
5 copies only instead of
6, and the 6th Copy, tho'
marked for the Herbarium
is changed for, what the
Copy which has been
laid for has been kept
here. It would seem
then that unless you
to smeltting only one of
the University's two sets
will be kept up, and
that ^{one will be} the Copy here, if

this laid. In copy five, where it has
always gone. What shall we do
to Margherita this one? I could recast
whether when I know you, it was
deserved that you should write to
Helenburg and get it made clean.

Yours

Julian Christy.

Melton, Feb. 28. 91.

(Baring & London)

Dear Mr. Watson,

I was yesterday at Mr. Hambury's
Garden, La Motte, a mile or so over
the Italian line from this place.
He kindly showed me his extraordinary
wealth of open-air plants, scattered
over his ninety acres, and gave
me his Catalogue, both alphabetical
and classified, which I send to the
Berburius by mail. I wish you
would send him an acknowledgment.
He said he had a visit
from Mr and Mrs. Gray some years
ago. He took some notes his seed room,
and showed me the list of nearly
four hundred addresses to which he
had sent packets of seeds, all
over Europe, since Jan 1. 91. It
seems to be his pleasure to send
his seeds wherever they are wanted;
and if you have any occasion
for them, no doubt it would add

It is pleasure to accommodate
you. If any of our botanical people
have printed papers which they
can send him, I have no doubt
reciprocal relations of value to
all concerned can be established
with him. He is a very kind
man, and perhaps Mrs. Gray
can recall him.

Very truly
John Torrey

Dr. Geo. Watson.

Mr. Hamburg is an Englishman.

HERBARIUM OF HARVARD UNIVERSITY,

BOTANIC GARDEN, CAMBRIDGE, MASS.

Oct. 5/21, 1891

Dear Sir,

I give report of
accessions to the library
of the Herbarium as re-
quested.

Please inform me
as to the custom in the
College library ~~and~~ in
counting "volumes" in
case two or more volumes,
are of a periodical, are
bound together. In our
enumeration the actual num-
ber of books is given.

Yrs. very truly
Serrano Watson

one ultimate count
is as they stand on the
shelves by bound books.
and this I think is the
legitimate way, ~~and~~^{and}
the count of volumes with
us must rest somewhat
~~for~~ in deference of the truth,
because now (the
shelves being not all ar-
ranged for lack of room)
we have to take the
accession count when
2 vols stand instead
of 1 one ~~in~~ which
when they get to the
shelf bound, represent
the book.

that all the acceptances
of the University
Library have been cat-
alogued here. How is
it?

Faithfully

Justin Demison

Watson.

—



Cambridge, Mass.,

Gore Hall, Nov 31, 1891

Dear Mr. Watson, —

It is an infernal
— perhaps an unreason-
able one — from the reports
of my Chief Cataloguer
for the past year, that
there has not named
under his eye, all
the books rec^d at the
Herbarium library. If
so, I cannot repeat, as
I am expected to do,

JUSTIN WINSOR, Librarian.
THOMAS J. KIERNAN, Supt. of
Circulation.
WM. C. LANE, Assist. Libr.,
Catalogue Dept.
W. H. TILLINGHAST, Assist.
Libr., Ordering Dept.

HARVARD COLLEGE LIBRARY,

Cambridge, Mass., Nov 23 1897

Dear Mr. Watson, -

What you so desir-
ably answer the purpose,
for it is the wish of the
Corporation that all
accessions to the Union
Lib. should be
handled here, both for
the convenience of ^{learning} ~~handling~~
in one place, where all
current accessions are,
and also to aid in
the prevention of buying

Duplicates, when one
copy is a proof in Cam.
may be deemed
sufficient.

Faithfully

John Linow
JL

Wrentham Oct 14 1874

Dear Professor Gray

I thank you for sending me Mr Winthrop's letter and the two letters from Prof Marsh with your important comments in favor of 12th inst. I feel, as you seem to do, the necessity of great caution in putting any one into the place, which no one can fill as well as Prof Wyman. It will be difficult to remove a good man, who has every merit except usefulness. Our small funds, \$45000 - in Collection Fund and \$4500 - in Professor's Fund at 5% Gold interest will not enable us to give full support to a Curator. The quantity, as well as the quality of the collection which is so satisfactory, was obtained by the generous service of Prof Wyman. Mr Haynes is a bright man but I should not select him for this quiet patient work. Dr Wheatland said Mr Putnam ^{perhaps stated} was willing to make occasional visits to the Museum for very small compensation and I hear that he is well esteemed for such a duty and that Mr Agassiz had a high opinion of him. I did not know that, as you suggest, he wished the office of Curator, that he may be a candidate for the Professorship, which may not soon be established. I suppose the Trustees cannot doubt that thus far, they have made the best use of

their income. I suppose that Prof Marsh directed his studies to Zoology, for which his Museum was established. For the sake of our Museum I regret that Mr Winthrop will not come home till next year, for we want the aid of his good judgment and strong interest in our trust. At present I hope you will consent to exercise ^{for the present} guidance and direction over the Museum with the employment of all desirable aid in setting up and cataloging according to our vote.

The Trustees made an appropriation of \$500 for collections in Mexico by Mr Porter C Bliss and \$250 - was advanced to him. In August last Mr Bliss called on me and asked for the balance, saying that he had a Collection of extraordinary value in Mexican articles and books in New York for the Museum. I told him I could not pay the balance until he had delivered the collection satisfactorily to Prof Wyman. On his urgent request and his promise that he would send the collection in a short time, I think, after a week, I paid him \$50 more. I have constantly expected that you would inform me of the reception of the collection and of its character.

I send enclosed the letters of Mr Winthrop and Prof Marsh

Very sincerely & respectfully yours

Stephen Salisbury

Boston. 31 May,
1861.

My Dear Sir,

After sending my
little note about Rauch,
& before receiving your
kind answer, (in which I
thank you) I happened to
look into a French Biogra-
-phical Dictionary, which I
brought home from Europe,
& there I found as follows:

"M. Rauch est mort à
Berlin, le 14 Octobre, 1857."

The American Almanac

says:

"Dec. 3. In Dresden, Christian Rauch."

The French author is
certainly the best.

Probably, the American
Editor heard of the death
via Dresden, & has given
the date of some commemo-
ration of him in that
City, - or, possibly, the date
of the receipt of the news
of his death in America.

It is a trifling matter,
but I was unwilling to
be responsible for giving
a wrong date.

Do not be at

the pains to acknowledge
my note.

Yours, very sincerely,

Robt. M. M. M.

Prof. Asa Gray,

R. B. Winthrop

will come yourself.

In haste,
Ever Sincerely

R. B. Winthrop.

Please say nothing about
my little party, as I am
able to ask so few; -
but you can, perhaps,
make arrangements to
come over with any
- fellow.

Brookline,
5 Feb 1870.

Dear Prof. Gray,
Mr. Thornton
has sent me word that
the Prince's engagements
will oblige him to leave
Boston for Montreal
on the afternoon of
the Funeral - Tuesday.

Of course, all invita-
-tions for that evening
will be vain. And so I
return Dr. Clarke's note.

I had proposed having
H. R. to. at luncheon on
Wednesday. I shall still

have the luncheon, & hope
to see some of ^{my} fellow Trus-
tees of the Peabody Edu-
-cation Fund (Southern)
who come on to the
Funeral. I shall try
to get Capt. Comminell
of the Monarch, & a
few others.

It will give me great
pleasure if you will
find your way here on
Wednesday at half past
One. I have asked
Loughfellow to come &
bring the President &
Mr. Lowell. I cannot

ask more, as I am un-
-willing to have a multi-
-tudeous party.

I hope you will
be at the Funeral to
represent the Museum,
& the Academy.

Mr. Adams & I
are to be Pall-bearers,
so that we cannot be
with the Trustees of the
Museum.

If Mr. Salisbury
is there & you see him,
let me rely on your
asking him for Wednes-
-day; & I hope you

Boston,
145-Beacon St.,
15 April, '71.

Dear Prof. Gray,

In looking about
for a notability to take
the place of Mr. Tucknor,
we decided on the Presi-
dent of the Academy of
Arts & Sciences. You
must not decline. -
You shall have no need
dictates, & attend and
as many meetings as
may be convenient to
you. When the Trustees
of the Peabody Museum
meet the same morning,
you shall not be kept

out in the Anti-room.
Dr. Bigelow joined
us while part of the
Academy. Prof. Wyman
joined us a few days
ago - Archaeology &
Ethnology being of
use to history.

Our Society has ter-
minated its 80th year.
When first formed, it
included Natural as
well as Civil History,
& Humboldt was long
our Senior Foreign Ad-
-vocate. On the whole,

You must 'bear Sinner
bleeding sinners' pa-
-tience, & by no means
refuse them.
I return Dunning's
letter. There seem to
be a small box & a
large box, if I un-
-derstand it aright.
Prof. Wyman will be
along soon, & will
straighten out any
thing which needs
straightening.

Yours Sincerely,
R. D. Mitchell.
Asa Gray, L. L. D.

designate any Country or
any individual, but his
remarks recur to me while
I write. All this can be
thought of in due season.
Possibly, I can be of service
in making inquiries in
Europe as in England, be
fore my return, if such
an idea should seem wise
or practicable. Young
Haynes, - a graduate of
Harvard, & a late Prof-
-essor at some Vermont
University, - is in Europe
at this moment, devoting
himself to Ethnology &
Archaeology. He returns
home soon, I believe. You
may remember him as having
married the daughter of the
late J. W. Blanchard. He was
once the travelling tutor
of Frank Taylor, & my

Heidelberg.
25-Sept. 1874.

Dear Prof. Gray, I cannot
tell you how shocked & sad
-dened I was last evening in
accidentally observing, in a
late Californian, an account of
the death of our friend Weyman.
I had rec'd. news there one let-
ter from him since I left
home, & had written to him
as late as the 16th of Au-
-gust. In one of his letters
he spoke of himself as
better than usual, & I
had hoped most earnestly
that he was to be spared
to us & to Science for
many years to come. I was
greatly attached to him as
a friend, & shall never cease
to cherish his memory as
one of the greatest merit
combined with the greatest
modesty. To our Museum
his loss is irreparable.

He has done everything for us,
& our Museum will be a
monument to his ability
& fidelity. His seven years
of labor in our service
have placed our Institution
on a footing which
will secure its success, &
others can only build on
his foundations. In due
time, we must secure a
portrait or bust of him
for our new Building, when
ever it is erected. But
no bust or portrait will
supply his place. It is a
grief to me to be absent
from the consultations
which his death will
require. The health of
my family will keep me
away till next year, & in
the meantime, something
must be done. I lean
strongly at this moment to

procuring a ~~new~~ temporary
Curator, - some young man
at Cambridge, whom Genl.
Pres^l. Eliot can designate,
to keep things in order, &
go on with the Cataloguing,
in the manner in which
our lamented friend has
set the example. I remem-
ber that Agassiz, not long
before his own death, said
to me, - "Have you ever con-
sidered what you shall do
with the Museum in
case of Wyman's death or
disability"? And he then
added that he thought we
should do well to get some
one from abroad, some young
Swiss or German Student
who could afford to under-
take such a work on
a moderate allowance, &
who would bring to it the
fruits of previous prepara-
tion & study. He did not

wife, & Mr. N. Thayer, have
a great regard for him. Then
there is Henry Gillman, who
has done a good deal for
us in this line, & has shown
no little aptitude for such
a position. I mention
these names & ideas off-
-hand, & without any de-
-liberation, merely with
a view to aid the more
deliberate counsel of
others. But my main
impulse in writing at
once, is to express my
deep sorrow for Wymann's
death & my sincere sym-
-pathy with his family
& friends. You will feel
his loss severely, & I cer-
-tainly do. Tell your wife,
with my kind regards, that
I observed with great regret
the death of my classmate

a valued friend, Francis C.
Loring, for whom I had a
warm regard & with whom
I had a close intimacy.

I met Prof. Pierce at
Geneva & was glad to see
him looking so well. He
will soon be at home,
& I wish I was to be
at home this winter
also.

I shall write again
to some one of our Treas-
-urers, more deliberately,
when I get round to
Paris a fortnight hence.

My address is "J. S.
Morgan & Co. 22 Old
Broad Street, London".
If I can do anything for
you anywhere, command
me freely.

Yours quite fully,
Prof. Robt. C. Marsh.
As long as

has been much with Evans &
Franks & Desor. He was at
the Congress at Stockholm, & brought
away a rare specimen of his own
finding. His eye for such things
is very keen & searching, & he
has made a good many Collec-
tions wherever he has been.
In short, he is an enthusiast,
& almost a fanatic, in this line
of Scientific research, & being
only forty three or four years
old, if so much, he is likely
to pursue the Science with
great vigor. I have known him
personally but little, but all
I have seen of him is to his
advantage. I do not imagine
that he would take the Curator-
ship, even temporarily, for
500 dollars a year, as poor
Wyman did. But I am in-
clined to believe that, if we
want him, he would take the
place temporarily, & carry on
the arrangement & Cataloging
for a thousand or twelve hun-
dred dollars a year, for two
or three years, - leaving the

Paris, 6 Nov. 1874.

RC Wightford

My Dear Professor Gray, Your kind
letter of the 12th ulto. reached me
ten days ago. I thank you sincerely
for it, & for sending me your excel-
lent notice of our dear friend Wy-
man at the Society of Natural
History. I can add nothing to
my deep sense of his loss, as
expressed to you immediately on
hearing of his death, & subsequent-
ly in a letter to Mr. Deane.

I wrote last week to Mr.
Salisbury, & you will have seen
that letter, I dare say, before
this reaches you. I have, since
then, called twice to see the
Mexican Collection of which I
spoke, & I am deeply impressed
with its interest & value. I have
reason to think that Mr. Mor-
tillet would have bought it
for the Museum of St. Germain
but for the lack of funds arising
out of the recent troubles in
France. The N. Y. Museum have
been proposing to secure it, but
their means are also in futuro.
I am by no means sure that it
will not have gone beyond our

reach before our Trustees shall have decided the question. I had hoped to have been able to send you the Catalogue to examine. But there is but one copy, & that is manuscript, & the Proprietor, not unnaturally, has decided, after some hesitation, that he cannot let it go so far & for so long a time. He has however given me a set of photographs (four in all) giving a view of the Collection as arranged on his shelves. I present them to the Museum, of course, & shall send them out by Gen. Frank Palpey, who sails from Liverpool on the 17th of this month. They give but a faint idea of the pieces, but will help the Trustees in their decision. I will make a few memoranda to explain & accompany them. The Collection has been valued at 50,000 francs; but the owner has at last named 35,000

as the dernier prix. I think it possible that a cash offer of a less sum might secure them if not sold before I hear from the Trustees. But if they decide to buy, they would do well to improve the purchase at not exceeding 35,000, & we will then do the best we can. As it is an American Collection it comes peculiarly within our province, & I believe we are rather flush just now in our funds for purchase. I do not wish to urge it too much, or to take all the responsibility for the outlay. But I assure Mr. Haynes that it is a rare opportunity, & well worth a favorable consideration.

Passing from this Mexican Collection, I desire to express my strong opinion of Mr. Haynes's adaptation to our needs. After a service of some years as Professor of Latin & Greek at Bowdoin University, he seems to have devoted himself most earnestly to Archaeological Studies. He

question of permanent employ-
ment to be decided at the
end of the time. He is a
Harvard Graduate, & must be
known to some of our friends
at Cambridge better than to
myself. My wife formed a
high impression of him while
he was with Frank Thayer,
many years ago. He has some
how to Rome, full of zeal for
examining again the exca-
vations, & the sands of the Tiber.
I only saw him here for one
evening & mainly in connec-
tion with the Mexican Col-
lection, & I have no authori-
ty to commit him to coming
at our call. But I feel
a strong assurance that we
can have him, if we desire
it, & a strong doubt whether
there is any one more prom-
ising, or more performing, at
our command.

I submit the whole ques-
tion, with that as to the
Mexican Collection, to the

wisest judgment of those at
home, only holding myself
ready to further their de-
-sire in any way in my power.

I shall try to see Martineau
before I go to Cannes, &
perhaps I shall write to
Desor. If I do either or
both of these things, I
may be able to commu-
-nicate the result be-
-fore Palpey arrives with
the photographs.

Yours, very truly,
Robt. B. Mitchell.

Prof. Asa Gray, L.D.

P.S. I heard Bartrand, at the
Annual Seance of the Fine Acad-
-emies, pay a little tribute to
Hassia, Elie de Beaumont, -
Guizot, & others last week.
My address for three months may be
Diapel, Karjer & Co. Bankers, Paris.

From what I saw I concluded
that he will prove himself
a very accurate & zealous
curator. He is a correct man
who will keep his collection
in good order, & I would
not hesitate to appoint
him."

I have thought it best
to send you these extracts
without delay. Desor knew
nothing about the Mexican
collection. General Pal-
frey will be sailing not
far from the time these
letters go, & will hand
you the photographs, I
trust, without delay.

I have no wish to press
the purchase of the Col-
lection, or the appoint-
ment of Mr. Haynes, but
only to give you all the
material, I can procure
for helping the judgment
of others. Yours, Sincerely,
Prof. Gray, R. B. & Minch. L. D.

Paris. 13 Nov. 1874.

Dear Professor Gray, Since my
last, I have heard from Mortillet
& from Desor. Mortillet says:-
"vous ne parlez de la collection
mexicaine de M. Boban. Je con-
- nais très bien cette belle et riche
collection. Elle se compose d'en-
- viron 2000 pièces. Sous de l'Expo-
sition universelle de Paris en 1867
elle a été exposée au Ministère de
l'Instruction publique et visitée
par les savants de toutes les nations.
Le Congrès International d'archéolo-
- gie et d'anthropologie pré-historique
l'a étudiée sous la direction de M.
de Lauffenier. Tous les avis ont
été unanimes pour reconnaître
le mérite de cette collection. Si
elle ne s'est pas vendue alors, cela
tient avec prétentions du possesseur.
Je crois qu'il a maintenant beau-
- coup réduit ses prix. Il a été plu-
sieurs fois question de l'acheter
pour la France. Mais le Louvre
possédant déjà une série mexicaine
très belle, n'a pas de pouvoir prendre
son budget la somme nécessaire
pour faire l'acquisition. Quant à
nous, nous aurions très fort désiré
la collection Boban pour notre

Série Ethnographique. Mais nous
sommes un Musée essentiellement
Français, et nous avons encore
trop d'acquisitions Françaises
à faire pour consacrer à l'Eth-
nographie d'un seul coup autant
d'argent".

I copy his French, lest I should
impair its force by translation.
It confirms the statement of Mr.
Haynes in regard to the value
of the Collection, & gives the op-
inion of Mortillet of its richness.
The reduction of price, to which he
refers, has been from 50 to 35000
francs.

In speaking of Haynes, Mor-
tillet says: Je l'ai trop peu
vu pour le juger complètement.
Cependant il est un fait qui
m'a montré en lui un esprit
très clairvoyant, ce qui est
fort utile pour la direction d'un
Musée. Il m'a soumis deux
bûches en pierre achetées par lui
à des ouvriers des carrières de Paris.
Il avait des doutes sur ces objets,
que je crois effectivement faux,
mais qui sont parfaitement exécutés.

"Et bien ces simples doutes, sur des
pièces si bien faites, dénotent un
vrai talent d'observation et de
critique, qualités indispensables
chez un Conservateur de Collec-
tions. Du reste, comme homme,
il m'a paru très bien."

So much for Mortillet.

Desor, after disolling on the
sad death of Wyman, speaks of
having known Haynes at Cam-
bridge twenty five years ago, &
as having met him last sum-
mer at Copenhagen or Stock-
holm. He says "I soon found
that he was not a novice in
archeology, but, on the contrary,
that he was well acquainted
with all the main questions which
were to be treated at the Con-
gress. I admired also his ear-
nestness in the study not merely
of the general outlines of the
problems to be solved, but also
of the details connected with
them. Such he showed him-
self not merely in Scandinavia
but also in Switzerland, where
he came to see me after Stockholm.

Gift - 200
27 June 1916

R. C. Winthrop

90 Marlborough St.
22 Jan'y 1876.

Dear Prof. Gray.

I must thank you
for your kind note of
the 19th, albeit you
exempted me from an
acknowledgment.

I have just
completed all my in-
structions. Lyman has
been notified & has
accepted. The Reso-
lutions of Thanks
have reached Alex^r.
Agassiz, & he has
promised to co-operate
with us. I have
rec^d. this morning,
from Dr. Wheatland,

the Report & Resolutions on the Building, I have already enclosed them to President Eliot. And finally, I have sent the Resolutions to Mr. Russell, which I am glad you liked.

We can now go on & make a sort of Siamese ligament between the Harvard Museum & the Peabody, without exciting any susceptibility in the minds of Mr. Russell or his relatives. In this view, I feel

a special satisfaction at the result of our Proceedings. In any other view, I should heartily have yielded to your suggestion.

Yours, sincerely,
R. S. Michrop.

Asa Gray, L.L.D.

of labor would give variety
& interest. If to all this
we could add a Contem-
-porary Friend, the Commem-
-oration would be com-
-plete.

I am deeply sorry for
our friend Putnam's
affliction. Pray assure
him of my sympathy.
I have been constantly
reminded of our dear
friend Wyman, who used
to write to me so often
from St. John's River.
The death of Mr. Mason
was a great shock to
us. He was to have been
with us in Florida. But
man proposes, & God dis-
poses.

Ever faithfully, Yours,

Robt. H. Mitchell.
Asa Gray, L.D.

Jacksonville, Florida,
23 March, 1879.
Sunday Evening.

Dear Prof. Gray,
Yours of the 13th
reached me somewhere up
the St. John's River. The
time it was at Palatka.
I came down here yes-
terday, & shall go along
to Savannah to-mor-
row after. As we pur-
pose spending a week
at Charleston, & shall
linger for some days at
Washington & New York
I cannot promise to be
at home until late in
April. But I shall cer-
tainly, Deo volente, be
in Boston about the
25th of April. I had some
talk with Mr. Adams
about the Academy Cu-

tennial before I came
away, I was entirely ready
to attend a meeting of
the Committee, had it
been appointed. I sup-
posed that Mr. Adams
was to be Chairman,
agreeably to my notion
& I wish he would take
the place. But I will
keep the subject in mind,
& be ready to attend to
it as soon as I return.

There should be a some-
what formal meeting of
the Academy on the An-
niversary Day, at which
The President (Mr. Adams)
should deliver a longer
or shorter Historical Dis-
course. Afterwards you
or Dr. Holmes should

discourse on the Scientific
progress in which the Acad-
emy has taken part du-
ring the Century. A
social meeting (with an
entertainment) at some
one of our private houses
should close the day.

The Speakers at the
formal meeting might
be multiplied. Short
addresses from Mr. Adams,
yourself, Dr. Holmes,
Prof. Pierce, Prof. Low-
ing, Prof. Cooke, & per-
haps one or two others,
might be preferable to
any long Orations. I
could say a few words
as the Representative
of our 1st President, Gov.
Mansfield. A Division

again to concert these
proceedings. I will
ask Lyman to sum
up the Com^{tee}. for
next Tuesday after.
If he does, pray be
present & bring Cooke.
The time is short.

Yours very truly,
Robt. Hitchcock.

Would it not do to post-
pone the Election of
Officers for a week
after the Anniversary
& give Mr. Adams time
to announce his pur-
pose?

13 May, 1880.

Thursday Even^g.

Dear Prof. Gray,
Your note is before
me. I had been con-
templating the very
points you propose.

There must be some
hearing of some of the
Delegates. Lyman, with
whom I conferred yester-
day, was of the deci-
ded opinion that there
should be nothing at the
Old South except the
formal Exercises, & that
responses should come
at the close of the
collation. Possibly
we might make an

Prof. Gray, 

exception in favor
of a few foreign So-
cieties. But, at all
events, there must
be brief Addresses at
the Athenaeum.

You must be called
on as, I believe, the
only living Ex-Presi-
dent of the Academy,
& you ~~can~~ introduce
the St. Petersburg
Latin Congratulations.
Lyman, as Secretary,
can read some of
the other addresses.
Rome & ^{old} Cambridge
must answer thro'
their Delegates.

Meanwhile, Harvard
University must not be
unheard, & I must rely
on you to see Pres.
Eliot, & tell him that
a brief address from him
will be indispensable.

Prof. Rogers must say
something for the Tech-
nological. I have
written to Philadel-
phia that the Am.
Philosophical Society
must come first of
all Am. Societies.

Pearce might well
say a word for the
Royal Society. Our
Committee must meet

Brookline.
6 July, 1880.

Dear Prof. Gray,

Yours of the 3^d. reaches me just as I am setting off for Narragansett Pier & Newport. Nothing could be kinder, & I thank you for it at once. On my return at the end of this week, I shall write you a more adequate acknowledgment.

Meantime, hastily
but heartily,

Yours,
Robt. Wintthrop.
Asa Gray,
L. D.

Brookline,
26 July, 1880.

years ago, I might have
been tempted to take it.
But age & occupations
would have compelled me
to excuse myself now; &
if I had had a dream
that my name would
be used at the election,
I should have presumptuously
~~withdrawn~~ it. I appre-
-ciate most highly your
friendly explanation. Every
thing stands well now.
I should have been glad to
have Peirce complimented.
But Lansing deserved the
office, & I should have vot-
-ed for him with the great-
-est pleasure.

I hope you will have
a good time abroad. Believe
me, with great regard, Yours,
Sincerely, R. B. C. Miethrop.
Prof. Asa Gray, L.D.

Dear Prof. Gray,
Your kind note
of July 3^d. reached me
just as I was leaving home
for Newport, & I was
only able to acknowledge
it in the most perfunctory
manner. Since my re-
-turn, the death of my
excellent friend, Dr. Sears,
has involved me in cares,
consultations, & burdensome
correspondence, in regard
to the Southern Education
Trust, of which he was
the General Agent, & I
the Chairman of the
Trustees. Other avocations
have been pressing on me
at the same time, & I have
been constrained to postpone

everything in the way of
writing, which was sus-
ceptible of postponement.

Let me assure you now,
without further delay, that
I was entirely satisfied
& gratified by the final
result of the Academy's
dealings with me. When
the Resolution was origi-
nally sent to me, I did
not think it quite in
a shape to look well
on the records. It was
a little too informal
to do justice either to
the Academy or to
myself. It happened
that I heard, accidentally,
at the same time, that
I had been seen as a Can-

-didate for the Presidency.
I confess that the two
things annoyed me for
the moment, - as it seemed
to me that I was to go
down in the Proceedings
with a lame acknow-
-ledgment & an unsuccess-
-ful Competition for
the Chair! Such a record
at the next Centennial
would have left an im-
-pression which I had
hardly deserved. The
Resolution, as it now
stands, is entirely satis-
-factory; & as to the
-Presidency, I must cer-
-tainly have declined it,
if it had been offered to
me. It is an office of
the highest honor, & can

RCW

Boston 27 Feb'y '86.

Dear Professor Gray,

In looking over my recently received pamphlets, I find two for which I am indebted to your kindness, & which I have read but never acknowledged.

I was greatly pleased with your "Louis Agassiz", & interested in your "Botanical Necrology". I thank you for them both.

I observe that Pres^r. Eliot does not notice or even name our Peabody Museum. I care nothing about it except as it is an indignity to our Founder's memory. But

I am unwilling to com-
-plicate the question of
the Professorship by
any formal Complaint.
Unless I am greatly
mistaken, Eliot men-
-tioned the Peabody
Museum for several
years in his Annual
Reports. Why he should
-rule us out of all re-
-lation to the University
-sit in these latter years,
- more especially after
we have remonstrated
with him on the sub-
-ject, - is past my com-
-prehension. But a well-

ful man must have
his way.

Yours, very truly,

R. S. Witheroff.

Prof. Asa Gray, L.D.

This note requires no
answer.

but not in this world, ex-
cept in the memory of
those who knew them, &
in the history of the in-
stitutions they have helped
& honored.

Believe me,
Dear Dr Gray,
Yours Sincerely

Rob. G. Mitchell.

Prof. Asa Gray, L.L.D.

Chairman. Since Dr. Peabody first put the organization of the Institution into my hands, that I should be sorry to seem wanting to the appreciation of his services & the sorrow for his loss. The Report might well have a black edge or line on its cover, & assume a commemorative shape. These are little things, but they are significant & expressive. Dr. Wheatland, I dare say, would arrange the whole matter with the printers. The little notice of Wyman wh. you enclosed me was doubtless, as you say, from Pillsbury's Journal. Your more elaborate one for the Natural History Society I shall read with great interest when it comes. No man has had happier tributes paid to his memory:—Holmes, Lowell, & even self, have

left little for any body else
to say, in prose or verse.
Wymann deserved them
all, & it is a whole-
some illustration of
the moral that real
merit, however modest
& self-depreciatory, will
have its reward at last.

Please thank Prof.
Lawver for sending me
a copy of his Address.
It came so late that
I have not had time
to read it yet. Tell him
that I have addressed
to him a number of
the Journal des Debats
containing a very stri-
king article on the
Transit of Venus, wh.
came off last night.
He will know whether
the article does justice

to our American Observers
& Instrument makers &
Photographers, in regard
to which I have some
doubts.

Pardon this long,
rambling, hurried letter.
I need not even acknow-
ledge it. Let me not con-
clude, however, without
expressing my concern
at what I see say of good
Dr. Walker, of whom
I may borrow what
Hamilton says of one of
his friends - "He is seen
as just a man as ever
my Conversation copied
without". Where shall we
look for men of so much
wisdom, & moderation,
& justice combined? -
Such men ought to live
forever. And they will;

WILMINGTON



PHILADELPHIA

Dr. Wood requests the
pleasure of Mr. James' company
on Saturday evening next at 8 o'clock.

NB. The favor of an early answer is requested.

Philadelphia Jan. 30 1855

as long as he remained in this country -

After the death of Dr. Wislar, in 1818, Mr. Lima never omitted showing the most constant attention, regular by coming to the house every Monday evening to her; telling Mrs. Wislar he did not wish any company to be invited; he came to see her and the children - My dear husband & his little sister were his especial friends -

You may know that in 1820 he left America for Portugal; & died in 1823.

"We had in our other Mausoleum to accompany his remains to the tomb, save the humble Sacristan of his parish Church." 12

Should you ever visit Philad^a, & favor me with a call, I would be glad to show you his Portrait, which was bought by my husband, Dr. Huxley, & hangs in my Parlor, a valuable

Philadelphia October 27th 1882

1210 Arch Street

To Professor A. A. Guy,

My esteemed friend, for as such I must regard you, since you are interested about the right way to spell the name of my lamented

husband's father, the late Dr. Wislar, who was Professor of Anatomy in the University of Pennsylvania - I need hardly say that the memory of the departed is very dear to me, for his sake, & for my husband's sake.

My cousin Mrs. Robert B. Quincy has written ^{to me} about the Wislar, in relation to the expression of opinion of one of the members of the Branch of the Society that spell their name with

Reminiscence of the Past -

an E, instead of an a, who said, at
the time of the Scientific Meetings held in
Philad^a, that he wished
you to be told that the Wistaria ought
to be altered, so as to spell it with an
E. instead of an a. I will not dilate
upon this strange conduct, in a gentleman
who considers himself in the front rank
of his Profession. Your letter to
Mrs. Hoare, in reply to hers, I received
me extremely; but I was surprised
that Botany was not aware
that Mr. J. Correa da Silva had
given the plant the name of
Wistaria out of regard to his friend
Dr. Wistar. It was a well known
fact among Dr. W.'s relations & friends -
Dr. Wistar's niece - Mrs. Robert Bauf,
is now living in her ninety-second
year; and she distinctly remembers

that the plant called Wistaria, was named
by the Abbe Correa Da Silva after her
Niece. She frequently met Mr. Silva
at Dr. Wistar's, most agreeably; and entertained
him at her own house. - Others, with
myself, have learned the information from
Mrs. Wistar, and my late beloved husband -
There are now very few left who can
have personal recollection of the country
that occurred more than fifty six years
ago. - J. Correa da Silva so he signs his
name to his letter, but in the Book on -
Portugal, in my possession, his name is da
Silva - I brought two letters of introduction
to Dr. Wistar - One from Dr. Lill, in
France, and the other from Dr. B. Warden,
both dated from Paris, in 1811 -
I could relate many things of Mr. Correa,
relating to the sincere friendship he man-
-ifested towards Dr. Wistar & his family,

Philad^a October 28th 1844

Ind -

1210 Arch Street

I may mention that my husband had a cousin
who was named Casper, & a Physician, who
died nearly twenty years ago, & at present there
is a Dr. Casper, who belongs to
the younger Branch of the family, whose
name is Wisler; - but there has only been
one "Professor" - There are also two other Drs. -
in the family - I have written far more than
I intended -

Very truly & respectfully yrs.

Esther F. Wisler

P.S. I hope you will excuse this shabby letter,
as I am not well enough to write it now.
E. F. W.

The letter that Mr. Pinca De Sena,
at different times addressed to his
friend Professor Wisler, when
absent from Philad^a, at Washington,
and on his exploring trips, would
not be of any especial interest
to Botanists - The two friends
on different occasions took short
journeys together, both much
interested in the Fossil Bones, as
well as Botany - As you may
be interested in receiving an extract
from a letter, I will copy from
one dated "Winchester December 1815"
"Dear Sir & Friend,"

"At last, after an

execution of nineteen hundred
miles, in which I have visited—
Western Virginia,
Tennessee, Georgia, the two Carolinas;
and visited their Noble High Priests,
the Cherokee chiefs; here I am—
taking a little rest, & intending to
proceed, in a few days, to Baltimore
and Wilmington, to pay a visit
to my old friend Dupont de Nemours,
and to again cheer Philadelphia.

"My health, thank God, has been
always good, notwithstanding
the fatigue and sad accommo-
-dation; but my brains are too
much filled with Mountains;
rivers; forests; new settlements
in every stage of Progression; &

with the manners of corrupt and Indian;
and half-civilized white people"—
"Nation is exceedingly beautiful in
those countries I have seen; & when
it is not beautiful it is always sick."
At the close of this long letter he
wrote "We have subject for long
winter conversation!"

Having learned that you desired
to have a Photograph of Professor
Wistar, who was the eminent & beloved
Physician, it affords me a melancholy
gratification to have it in my power
to offer for your acceptance an engraved
likeness of him, which I have had
framed, & now present it, in the name
of my beloved husband, the late
Dr. Wm. Wistar.

It will be sent by Express—

Conea da ^{da} Philad^a Jan. 14th 1885

1210 Arch Street

Dr. Asa Gray

My esteemed friend,

Since receiving your very
acceptable letter, I have
thought many times of you,
in connection with your
interest in the celebrated Botanist

J. Poma De Sena -

This induces me, now to
offer you your acceptance,
one of his, friendly Autograph
letters, addressed to my husband's

honored Father; the late Dr.

Caspar Wistar, the Professor in the

University of Penna -

Believe me to be with great respect,
Esther F. Wistar

Stockholm July 16th 84.

Dear Sir

I thank you most heartily for your two letters and for your so successful assistance on behalf of the "Erythraea exsiccata". The five species of Erythraea from Texas and from Arizona will be very pearls in the work.

As soon as the promised plants have reached us, I shall hasten to send you a complete set of arctic asiatic and american plants from the Vega-expedition.

Very truly

Yours

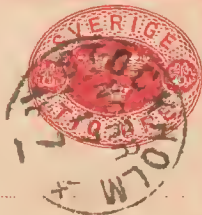
R. Wittrock.

UNION POSTALE UNIVERSELLE

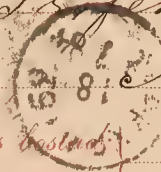
SUÈDE

BREFKORT

(CARTE POSTALE)



Till (à) Professor Doctor



Asa Gray

Adressatens bestämning

Botanic Garden

Adresse du destinataire:

Bestimmungsorten:

Cambridge Mass.

Lieu de destination:

Adressland:

U. S. A.

Lage de destination:

Wetrock

Academy of Sciences Stockholm $\frac{26}{12}$ 85

My dear Sir,

I had the pleasure some days ago to mail a packet, addressed to you, containing fasciculus II of my "*Erythraea exsiccata*", as continuation for your Museum.

This fasciculus contains, as you will find, also some american species, of which the one, *E. curvica-minera* nov. is - as I think - new to science. For those species being there, I am principally indebted to your patronage, and I should be very happy, if you would be so kind to recommend me even

now - in behalf of the future 3rd
fasciculus - to your botanist-coun-
trymen.

I have received from Mr L. G.
Pringle a few specimens of an
Erythraea, grown in Arizona together
with *E. nudicaulis* and *E. calycosa*, of
which I take the liberty to enclose
a small specimen. As you will
find, they agree so highly with cer-
tain forms of our european *E. pul-*
chella (Pur) Fr, that I think it most
proper to consider them as belon-
ging to that species as a variety,
for which I propose the name of
E. pulchella (Pur) Fr var *americana* nob.

With the deepest esteem

Your

obedient servant

Wm. W. Wood.

Riksmuseets
Botaniska Afdelning.
Drottninggatan 94.

Stockholm den 8 Jan 1890

My dear Sir,

I have compared your Myrsine
latifolia (from Florida) with the
original specimens of Swartz (from
West Indies) and I have found
that they agree very well, but
not completely, the leaves of
your plant being more entire
at the margin than those of
the Swartzian. I have the plea-
sure to send two leaves from
the original specimen, that you
may be able to compare you your-
self.

Yours

Very truly

Per Willecke

Roy Acad. of Sciences
Stockholm Febr 20th 1890.

My dear Sir,

The specimen of *Myrica* ^{*pallens*} ~~*latifolia*~~,
that you have sent me, agrees very
well with *M. latifolia* Swartz, in his
Herbarium.

In the Swartzian Herbarium there
is also a specimen, named *M. pallens*
Sw., but this is evidently something
quite distinct. I take the liberty to
enclose a leaf of it as a proof.

Very faithfully

Yours

Nut Willeck.

Prof C. D. Largent,
Brookline.

Western plants promised

Ray. Acad. of Sciences, Stockholm $\frac{12}{7}$ 1891.

Feb, 1911

Mr Sereno Watson,
Dear Sir,

I thank you very much for
your friendly letter of the $\frac{13}{12}$ 1890.

My intention has been to publish the
new Pringlean *Erythraea*, with figures,
in the 5th fasciculus of my "*Erythraea*
Usiccata", that is to be edited in the
next autumn. But if you find it
advisable to make the publication at
an earlier period, I take the liberty
to send you, here enclosed, my descrip-
tion of it in Latin.

As the new *Schultesia* ("*microcala spec*")
is of no special interest to me, I should

be glad, if you published the description you have made of that plant.

I have the pleasure to send to day, with the packet-post, fasc. III & IV of "Erythraea Esicata" for the Herbarium of Harvard University, as I have sent before the fasc. I and II. If you would send any phanerogamous plants from the north-western of America (Oregon, Washington, British Columbia etc) in exchange, we should be very thankful.

Where does our mutual friend Mr C. G. Pringle live now? We should like to buy, for our herbarium, a collection of phanerogams from his last botanical journey in Mexico.

Yours very truly
Piet Witteck.

Pethicum Pa
July 2 1885

Prof. Ferris Watson
Dear Sir

Dr. Wood in
his Contribution to f. w. algae
credits you with finding Sema-
anea Catenata in a Mountain
Stream, Diamond Range.

These lines to enquire, have
you a specimen of the plant
remaining at this late day,
which you could spare? Of
working up our Algae & send
us a specimen to make a drawing
of it.

There is another plant
quoted by Dr. Wood, viz
Sacomeya, Harv. (v. p. 221.)
It was originally found
in Alabama, but later in Virg.
by Prof. Bailey. Kindly you

Walle

have in your library, Bailey's
Manuscripts, & possibly collec-
tions also; if so, would it be
possible to obtain, if only
one or two filaments of *Stemodia*?
I find a plant here in some
respects very near it but branch
list. Harvey describes his
plant "Much & irregularly
branched".

Any aid you may
be pleased to give me in these
enquiries will be gratefully
acknowledged by

Yours Dr

Fraternally, in the
bond of Botanical
research.

Francis Wille

First Edition

Westchester Co. N. Y.

West Farms, Mar. 13. 1868.

To Prof Asa Gray.

Dr Sir, Will you please accept these seeds of "Tuckermannia" which I gathered (fully ripe I believe) from the original plant first seen by Nuttall "on shelving rocks, near the Sea, San Diego." This plant grew in just that position in 1866, that is, on Point Loma, in the only locality that can answer to the above language. There are no 'shelving rocks' on the Coast near San Diego except on Pt. Loma, where the Light House stands. It would give me pleasure to know that they were flourishing in your Botanic Garden - The foliage and whole herbage is of a bright yellowish green and partially translucent. The flowers are the perfection of 'golden yellow'. I hope these seeds will prove good.

The seeds of *Darlingtonia* which I also send were collected by Dr Goodale of Portland Me. from the same locality which I visited where the plants were

in flower. Dr. G. saw them 4 weeks after.

The seeds of '*Lathyrus maritimus*' I send merely that you may (if they grow) compare them with Dr. Bigelow's plant. It is abundant in the lower Counties of Cal. from Los Ang. down - Flowers very brilliant - and attract much attention from the inhabitants.

Excuse me for saying thus much, or perhaps you have already so many of these plants in the Garden as to render my little contribution worthless, and require an apology from me for sending them.

Should you make use of them, however, I should be glad to learn 'by and by' of the results.

Very respectfully -

Alphonso Wood

Dr. Gray-

My dear Sir.

Calling yesterday at the Torrey Herbarium in Columbia College, in order to look at the specimens of *Cycardia*, I was told by Mr. LeRoy, Curator, that they had all been sent to you. Hence I inferred that you were now (or had been) revising that genus as you intimated in the Manual p. 334, should be done.

I hasten therefore to forward to you several specimens which may be of service to you in this labor, and possibly to me also.

I send also specimens of my *Phlox involucrata* - the two taller spec. from Montgomery, Ala. the two shorter from Lookout Mts.

I regret that I did not send them earlier. If you feel kindly disposed to recognize my agency in developing these species I shall be grateful - for in time past you have granted me such favors very sparingly.

Please observe that *G. skinneriana* was published in A. D. 1848. Dr. Chapman's *G. parvifolia* (synonym) in A. D. 1860.

Then in 1860, I republished it (Clear Book p. 531) as *G. setacea*, influenced by you and Benthams. But I soon repented, seeing more specimens, and in 1870 (Bot. & Flor.) restored *G. skinneriana* — I mention these things not as arguments but simply facts.

Please return these specimens along with the Columbia Col. spec. and Mr LeRoy will pass them to me —

Yours Respectfully and Truly
Aphousa Wood.

New York, West Farms Station.
Nov. 27. 1877.

COLLEGE OF PHARMACY,
OF THE CITY OF NEW YORK.
209 & 211 EAST 23D STREET,
NEW YORK.
INCORPORATED 1829.

West Farms Sta. Nov. 1. 1880.

Dear friend Watson,

While "the station holds
its breath" — I drop this to ask whether
you will do me the favor to examine
a few specimens which I have culled
out of my net the last season from
Idaho, Kansas, &c. — specimens which
my limited library fails hitherto in
enabling me to identify among known
species. If they are indeed new I propose
to notice them in the Bulletin of the Torrey
Bot. Club. Should be sorry to mistake
as once before.

The specimens are all scanty, but
all I have of each kind. All came to me
by Mail, hence so few and small. I would
gratefully acknowledge the favor which
I now ask if granted.

Please return the pkg. by Mail. to

Yours very truly,

Alphonso Wood.

Wp. Gains N. Y. Jan. 6th 1881

Mrs. Lorenzo Watson

Dear Sir,

There is no response
to your postal card, respecting a package
of plants, from your honored friend,
Prof. Alphonso Wood, for his lips &
pen & critical brain are forever silenced.

His death was on the P.M. of
the 4th Jan, after an illness of two weeks.

I am not able to tell you anything
with regard to the plants of which you
write.

Yours respectfully

Mrs Alphonso Wood

Dr. Thomas F. Wood,

WILMINGTON N. C.

Mar. 30 1887.

Solidago verna, MacE, which Dr. Gray says
in his great work is dubious, he has since determined
to be a quite good species, after examining a
large bundle of living specimens sent him in 1885.

I send Mrs. Owen:

I am glad that you
could take so much interest in our "Flora".
The notes were collected from time to time,
but not until I came to bed nearly a year
ago did I seriously consider its publication.
Indeed the diversion and entertainment
then found that I was laboring under
great disadvantages. I could not examine
the various specimens lying in bed, because
the small collection I had was not in
order. Mr. C. G. Carter is a deaf-mute
technically, at least he has been taught
to speak. He came to me as a craniotomist
-- a veritable Rastignac as so
uniquely described by Prof. Gray. He was
and is a student at the Eclectic Medical
Coll., Washington D. C., and an employee in
my spare hours under Dr. Casey or Dr. [unclear]
in N. H. He has very enthusiastic, and his la-
bor and preparations in our [unclear] and
Saxan [unclear] were very remarkable. He

Spent it no a a time in the solitary
swamps, Enduring hunger and ^{living} when he
got it well-prepared food; Enduring in-
sect bites particularly noxious mos-
quitoes; enduring fierce suns and
drenching rains, and coming back
to me with blistered feet, and worn
limbs, and ^{such} ragged clothes,
than to call him a dirty tramp would
have been no compliment to the genus.
He worked together sometimes, and especially,
did we at once the ballast plants of
our river front. I think we got together
near a hundred new plants, but as far
botanists care to study these, he is
waiting patiently the opportunity of
studying them. It would have suited our
list to have pursued the study & completed
it before we went to Japan. W.C. knew
nothing of his name being used in his
authorship, but he really did the work.

Dr. Thomas E. Wood,

WILMINGTON N. C.

and a young botanist who ever
at the time a encouragement
could give him. His Encouragement is
unbounded, and has led him into errors,
but that must necessarily be with young
botanists. The error, in mistake, of put-
ting Stuzanera Coccoloba as new to
this country, when it has made a special
entry by Dr. Prichard 34th of 20th century ago,
described by Elliott in his botany, and of-
ficially by Chapman, and its natural
just down from N. C. to Fla. & back to N. C.,
Dr. Gray & McCarty, of course, will smile,
but none the less does it mislead me. For
as I lie here in bed, and turn over the
pages of my interleaved copy, and
discover mistakes, I find great Encou-
ragement in correcting them. Therefore
I am led to say that the earlier you set
your catalogue go to press, the earlier
you will discover errors - that is, after
they are irrevocable they are ap-
parently.

I am glad to hear from you and
have written to me about your business.

oration in the New Yorker, I hope,
I am sure it will be quite a
surprise to those who have never heard
of its unique plan. I hope that you
will not adopt the style of our pam-
phlet until you have seen the superb
work of Dudley? Prof. Lott at Cornell
Africa. I believe I have the items right.
In my interleaved copy I am adding notes,
photographs of botanists, peculiar plants,
and such things, so that it will be a curious
Compilation should I have pursued it for
a few months.

I have forgot to ask pardon in detailing
you so long with this letter, but your kind
words led me to indulge my spare ^{half hour} in this
entertaining myself, and this will be my
apology.

Yours ever truly,

Thomas D. Reed

P.S. I did not send you my sketch of R. M. A. Curtis's life
which will be pleased to do so.

Passaic. N. J. Oct. 4th / 1877

Dear Mr. Gray

I send you two more specimens of the
Pinnula from Lewisick, all he sent me. He says the
plant usually grows from 3-6 in high. flowers very early
in spring often before the snow has disappeared!
was sorry he did not send more but hope you will
have enough to determine it by. We were very much disap-
pointed not to see you & Mr. Hooker here.

Truly yours
Geo. C. Wootson



WRITE THE ADDRESS ON THIS SIDE-THE MESSAGE ON THE OTHER

Prof. Aea Gray
Cambridge
Mass.

June 9th

Let me now put down in "black & white" what it seemed to me best to do with the ~~thousands~~ collection of grasses, & the only way that occurred to me to arrive at any approximate idea of their value, viz. - to have them ^{carefully} ~~over~~ ^{examined} and ~~arranged~~, taking whatever this Herbarium wants. For what is taking, I will pay you a fair price, which will probably not be very much. The rest will then be in shape to set a price upon and find a purchaser for, which I will endeavor to do if you wish. I will also examine the ~~rest~~ and see what they are & what can best be done with them.

I think this is essentially what I said to you, and I am not able now to suggest anything better.

Take your own time for sending the plants on.

FROM

WOO

NEW

Passaic, N.J.

My Dear

prospect of

herbarium

benefit of

be contented with

in 1880 before the doctor's death.

nothing can be done in this matter by

is of course much less valuable & if it would be of benefit to you &

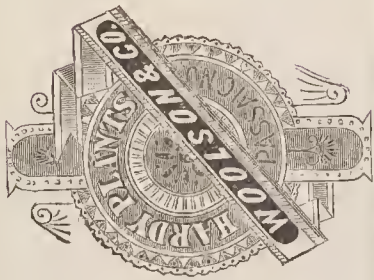
to see if any -
The general herbarium
I would be of benefit to you &

FROM

WOOLSON & CO.,

NEW JERSEY, U.S.A.

Passaic, April 15th 1880



MEMORANDUM.

TO Leonard Watson Esq
Cambridge
Mass.

My dear Mr. Watson - Doctor Parker in his will appointed me as his executor & in it he specified that his herbarium, especially the Grasses should be disposed of for the benefit of my son Harry Parker Jr. But that Doctor Gray & I should be consulted as regards their disposal. We will soon present in 1880 before the Doctor's death. I now write you to see if anything can be done in this matter by Mr. Wood. The general herbarium is of course much less valuable & if it would be of benefit to you &

My dear Watson!

I leave you sometime

Thursday and will get to

Cambridge sometime Friday.

My bundles will be coming

in 3 or 4 days. Most of things

however are to stay.

Sincerely

J. M. Wood

W. A. Wood

June 3 / 1892

would willingly send it to you without charge. I should be glad
to hear from you in regard to the matter, & if anything can be
done it will be returned as good for nothing.

The ~~last~~ photo was very successful & contains two little snippets
of scenery. Have you the photographs? If not I will send you one
for the album as soon as I see them from the photographer. We have
an excellent picture taken about June 157 years since.

Very truly yours
Wm L. Weston.

MEMORANDUM.

FROM

WOOLSON & CO.,

NEW JERSEY, U. S. A.

Passaic, June 5th 1891



TO

Prof. Lewis Watson
Cambridge
Mass.

My dear Mr. Watson - Yours of the 4th is just at hand & I herewith return you the receipt properly signed as you request. You will please accept my hearty thanks for all the trouble you have been to in going over & arranging the collection. Do you think that Prof. Greene of the Harvard Botanic Garden would purchase a part of the whole of the remainder of the collection, or do you think it advisable for me to write

bring to ~~about~~ about them? There are also certain of the doctor's
books in German which I should be glad to acquire of, especially
the works of Trincis, also Morici's *Flora Boracis*, Sibth &
Zuccarini's *Flora of Japan* & some other books.

Again sincerely thanking you for your kindness & positive Economy
very truly yours
Geo. C. Woodard

MEMORANDUM.

FROM

WOOLSON & CO.,

NEW JERSEY, U. S. A.

Passaic, Sept 14th 1891



TO

Prof. Lewis Watson
Cambridge
Mass.

My Dear Mr. Watson - Your first letter came during my absence from home & I have been very busy since with accumulated work, hence my delay. In regard to the remainder of the *McBarnum* I leave the matter entirely in your hands. my only desire being to get of course all I can for it. You had better I think send transcripts to Prof. Trelease under the conditions you propose. In regard to the books I have a list made out which I will copy & send to

Coulder shortly. In regard to the Book I would say that they
are nearly done & I have no doubt will be with you, without
any question. I have never tried them for instance but I
should say that they would answer very well. Have you
any thing new or more in the line of Mushy Plants at the
Garden? If so I should like very thing that I do not now
have. Very truly yours
Geo. C. Wootton.

MEMORANDUM.

FROM

WOOLSON & CO.,

NEW JERSEY, U. S. A.

Passaic, Oct. 22nd 1891



TO

Prof. Lewis Watson

Cambridge

Mass.

My Dear Mr. Watson - Replying to yours of the 20th I would say that I can wait for Prof. Volcan to arrange & lay out his plants, & as long as I get the money from him somewhere about the 15th to 20th of Dec. it will satisfy me. We have had only one frost here & that not very severe as it did not kill the heliotrope. What we need mostly here now is rain to fill up the streams. Is there nothing from my garden that you want either for yourself or the Botanic Garden? If there is

all you have to do is to say so & I shall be only too happy
to send it. Have you any Clematis paniculata growing? It is the
finest Hardy sort I have ever tried. The strongest plants are
grown by grafting it on C. stans. I have the new (?) Clematis
Adriani which Mr. Wigg sent me from the Blue Ridge & it
has stood our winter perfectly.

very truly yours

Geo. C. Wootton.

MEMORANDUM.

FROM

WOOLSON & CO.,

NEW JERSEY, U. S. A.

Passaic, Dec. 9th 1891



TO

Prof. Leonard Watson
Cambridge
Mass.

My dear Mr. Watson -
Yours of the 7th with check for \$150. from No. Bot. Garden is just at hand & I thank you for your kindness & attention in the matter. Do you think there would be any probability of Prof. Trelease wanting the Kriesborn Herbarium? The collection is particularly rich in sets of Grasses & Sedges, & must at least be worth preserving in a safer place than with me.

These are numerous sets of Groups & Sewing sets of course
etc. which are probably valuable to any, especially to the newer
colleges & schools. If you think there is an opportunity to
dispose of the collection I should be pleased to hear from you.

Very truly yours

Geo C. Woodson.

#1,69

MEMORANDUM.

FROM

WOOLSON & CO.,

NEW JERSEY, U. S. A.

Passaic, Oct 3rd 1896



TO

Leona Watson Esq
Cambridge
Mass.

My dear Mr. Watson.

I sent the box of books you
asked for yesterday morning & trust they will reach you
safely. I paid \$1.69 freight charges on the books to
New York only. Yours in haste

Geo. C. Woolson.

Roussac - 7th				3.50
Thompson - 6th	12.00	12.00		
Alpine - 11th	9.60	75		
Killebrew - 1st	.50	.50		
Atkins - 1st	.50	.50		
Kenny - 1st	.50	1.50	4	
Brown - 1st	1.50	75	3	
West - 1st	1.50	1.00	4	
West - 1st	2.00	4	3.00	
West - 1st	2.00	2.00	21	
West - 1st	0	1	-	
West - 1st	8.00	14	22.10	
West - 1st	20.00			

Roussac
Thompson

15.
5,
30.00

MEMORANDUM.

FROM

WOOLSON & CO.,

NEW JERSEY, U. S. A.

Passaic, June 1st, 1891



TO

W. J. Leonard Watson
Cambridge
Mass.

My Dear Mr. Watson - I have at last gone over the doctor's letters & taken out all I can find ^{of Dr. Gump} which I send you by express to-day. I don't know what they will be of much use to Mrs. Gump as they are for the most part on business, but if she finds anything of interest in them I shall be glad. I sent you some papers last week & if there

is anything else in my garden you have only to
ask for it & I shall be glad to send it.

In regard to the price of the specimens I would
say that for such a special collection I should think
that \$10. per 100 would not be out of the way. But
I am perfectly willing to leave that to you, & if
you do not think them worth that then allow me
what you think is right & I shall be satisfied.

Very truly yours

Geo. C. Woodson.

MEMORANDUM.

FROM

WOOLSON & CO.,

NEW JERSEY, U. S. A.

Passaic, Feb 24th 1891



TO

Prof Leonard Watson
Cambridge
Mass.

My Dear Mr. Watson - Yours of the 21st is at hand & in reply I would say that you have my permission to send the leather crasser to the Natural History Soc. of Buffalo. & should you find anything else of like nature I should want you to send it to its rightful owner.
Very truly yours
Geo L. Woolson.

MEMORANDUM.

FROM

WOOLSON & CO.,

NEW JERSEY, U. S. A.

Passaic, *May 17th* 1891



TO

*Leon Watson by
Cambridge
Mass.*

My Dear Mr. Watson Both your letters have been duly received & as I have been very busy I did not find the time to reply sooner. In regard to Dr. Gray's letters I would say that I have quite a lot of them that I have assorted & I shall be glad to send them to Mrs. Gray for her to copy from such as she may wish. In regard to the Proterozoic I would say that probably it would be best for you to come on & talk over the matter. If you could come on the 10th inst

of the week & stay over Sunday it would give me plenty of time
& this would give me more leisure than during the first
part of the week. I have just found the manuscript copy
of the Gosses of the Mexican Boundary & a great deal of
manuscript from Col. Munroe. Though I do not know whether
the latter has ever been published or not.

Let me know when you will come on, I will give you a
time table on our Railroad, or if you will let me know by what
route you are coming I will meet you.

Very truly yours

Geo. B. Woodson

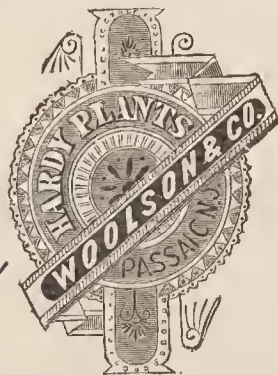
MEMORANDUM.

FROM

WOOLSON & CO.,

NEW JERSEY, U. S. A.

Passaic, June 23rd, 18 91



TO

Prof. Leonard Watson
Cambridge
Mass.

My Dear Mr. Watson - Your letter is just as kind
& courteous as that. I will have my men arrange the
books as you suggest & in due time send you a list
of such as I wish to sell. There are some like "The Christian
Archaeologist" "Walpole's Architecture & Antiquities" & some few
others which I desire to retain for my own use.
I mail you a few branches of an Agave which I re-

Arrived from Japan some years since under the name
of A. amoena. It is not that & I am unable to
place it. Do you know it?

Very truly yours

G. W. C. Woodcock.

Ms. A. 1. 1. 1. 1.

MEMORANDUM.

FROM

WOOLSON & CO.,

NEW JERSEY, U. S. A.

Passaic, Nov. 26th 1891



TO

Prof. Lewis Watson
Cambridge
Mass.

My dear Mr. Watson - Do you know Microrhiza
superfusa Dr. Bot. VII XII p. 225. or do you know
anything more about it than is given there? I would
very much to secure some plants of it from some one
& if you can put me on the right track I shall be
greatly obliged. I have received & understand to day the plants
which Mr. Conner has sent me from the Boston & Tray

are all right & in good shape.

Very truly yours

Wm L. Weston

P.S. The letters of Dr. Henry came back safely last week.
W.

Subscribed for 12,
William L. Weston
Colonel the Hon. J. R. R.
Rd.

Wm L. Weston

Dear Mr. Watson -

I can at least make
some report to you respecting
the grasses of the Thurber
Herbarium. I have had them
all gone over, have taken what
~~I myself~~ ^{was} wanted for ~~this herbar~~ ^{ourselves,}
& know what is left.

The number of specimens of
every kind taken by me, good, bad &
indifferent, named & unnamed,
is exactly 2000 - the number
remaining, including many
duplicates, is 4097.

Now as to those that I have taken
I would be glad to have you make
^{a satisfactory}
a ^{valuation} upon them - you
are reasonably well informed

you amongst possibly be able to save
no child? The Amherst House
of the History of California. It
not perhaps Gray's History of the
American people be what we want.
Of course the History of the American
History we have to us; but then you know
that we want some of you will know as
the notes mention under the title, "The
very much History." Some by name in
Church's History is his or against the
House.

Respectfully Yours

as to the current value of such
things, — ^{and can do so, having now an idea of the number of specimens} that I may settle with
^{with the least delay.} you. It will then remain to dis-
pose of the rest to the best advantage
possible. I have drawn off a
list of the genera represented
with the number of specimens under
each genus, which will give some
idea of what the collection contains.
A purchaser can probably be
found who will give a fair price
for the lot.

In a letter that I wrote you some
time ago ~~when~~ ^{mentioned} I ~~spoke of~~ ^{mentioned} wanting
some roots of the pretty fine blooming dwarf
rose that you showed me in your
nursery. The season is farward enough
here now to plant them out safely &
if you will send me a couple of
good roots, with your bill for them, of
course, I shall be much obliged.

Yours truly, S.W.

Doct. Asa Gray

Augusta Geo^a Nov^r 20th 1850

My dear Sir
Decr 27

I have this day forwarded your Box of Plants to the care of Mr Wm M Martin of Charleston to be forwarded by a Bark now loading at that port:—I hope it will meet with despatch and reach you in good season. I have detained it much longer than I expected; to add to it as I could find time. — I have added the *Popularia* (after visiting the place twice on foot and searching most diligently) within 20 steps of the place we left after our terrible jaunt thro' the woods of S^c — it is in abundance. It grows in shaded woods in rotten leaves on a damp soil. I have also found the *Morac* in seed (which I send) in the poorest, sand hills, just such or more sterile than the Hill side where we found the *Nolina*. I have visited the only two localities where I have ever met with the *Sida gracilis* of Elliott; unsuccessfully; but will hold it in remembrance. — I have sent a large plant of *Quercus glauca* of Nuttall (from my garden); the White berried *Callunop*; possibly this may turn out a new species as it has sustained itself thro' two sowings, after I had removed from my garden the common purple berried kind. — *Hibiscus* species; *Ceanothus*; the *Hypericum frondosum*. I am surprised that you are not familiar with this, as it is one of your Northern species. I found it growing in the Walnut St burial ground at Philad^a, close to the tomb of Dr Franklin. This you will find at the top of the pack, and a little below *Hypericum amaranthifolium*. *Baptisia alba* seeds; *Isoplexis parviflora*, and another with very narrow linear leaves; *Gentiana*; *Aristolochia serpe.* *Viellia*, *Lris verna* &c. I think I have not forgotten anything from my garden you expressed a wish to have, if so you must oblige me by reminding me of it. You also promised me a list of your desiderata. Pray have you a Catalogue of the Plants of the Cambridge Garden? if so, send me one that I may see what is in my reach and not there. I hope before the Winter is out to be able to make up another box for you, but you must aid me by pointing out such as will be acceptable.

Mr Marshall has not been able to effect any sale of your horse yet,
occasioned by one or two large droves from Tennessee or North Carolina that have
glutted the market and lowered the prices considerably.

With Assurance of Great
Respect I remain Dr Sir

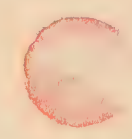
Y^r Obedt^t Serv^t
Thos P. May Jr.

Send the "North Doctors" Letter
for your amusement.



Doct^r Asa Gray
Cambridge
Mass.
Mail.

22-



Ans'd
April 9.

May 1st 1845
Augusta Geo March 1st

My Dear Sir

I have not forgotten my promise, however long the time, and scant and wretched the compliance. On the day before yesterday I shipped a box of Plants by a Steamer, to Savannah, to the care of my commercial friend W^m W^m Duncan, for you, with a request that he would forward it direct to you, if there is a sail up for Boston; if not and there is an earlier one for New York, to send it to your friends Mess^{rs} Wiley & Putnam. The Steamer has not yet left the wharf, but is to do so in the morning. I hope it will meet with dispatch.

The collection is truly poor, as you will see by the following list. I have seldom been more sadly disappointed in getting assistance from my friends residing in different parts of the country within 30 or 40 to 50 miles of this place; to whom I pointed out plants growing in their immediate location that I wanted, and who answered my letters, and promised the plants, months ago, but the Winter has passed off and not one has given me evidence of their memory. Spring weather is now rapidly advancing on us, and to insure the safety of the few that I have been able to collect in the immediate vicinity of this place, or within a radius of about 10 miles, I could not keep the box open, longer. I hope however to make amends hereafter from time to time; to aid me in which I beg you to send me a farther list of your desiderata and I will do my best for you. In this promise a sense of my poverty I have probably taken a wider range than you intended to give me, by throwing in, to fill up some plants that may be plentiful in your collections; not however knowing the circumstance I have sent 3 *Robinias*, and can I hope obtain 2 more viz *O. viscosa*, and a new white flowering variety of the *O. rosea*, with spiny stems. I have exclusively had this plant, and believed that I had one or two left in my garden but cannot find

~~them~~ left, I must therefore have distributed all. The only locality yet found is about 18 miles of this place. The flowers are as purely white as those of the *R. pond-acacia*, but inodorous: attains in a rich garden soil to about 6 feet. I am sure I can get more and will send it to you if wanted with the *R. rosea*.

The box contains — Similar.

- N^o 1 *Schisandra coccinea* — grows in hogs and on the margins of tanged shallow water courses.
- 2 *Cypripedium racemosum* " " " (soil sandy)
- 3 *Panicum arborum* — on high sandy & gravelly ridges.
- 4 *Hesperis matronalis* — on the margins of creeks, always in sandy and gravelly subsoils.
- 5 *Colchicum paniculatum* — in rich wet places.
- 6 *Schrankia uncinata* — always found in the poorest, driest possible soils, often on the activities of sand banks, like the genus *Cornia* where no other vestige of vegetation is found.
- 7 *Elliottia racemosa*, at the bottom and one at the top of the pack. This beautiful flowering plant is found on dry sandy ridges, shaded by scrub oaks (*Q. obtusiloba* & *Q. peruviana*) is not very difficult to transplant but will not last long without a perfectly sandy subsoil.
- 8 *Hypericum amaranthum*.
- 9 *Gnaphalium*
- 10 *Ceratiola ericoides* This exceedingly neat and pretty plant, grows generally in the same soils as the *Elliottia*, in sand gravel (pebbles) and decomposed *Field* spar, where the subsoil is retentive of moisture, but on the most exposed and burning ridges. It dies inevitably in shade, and garden soils.
- 11 *Paccinium myrsinites*.
- 12 *Canna flaccida* — garden loose soil
- 13 *Sabal adansonii* in stiff clayey swamps
- 14 *Ipseca dracanis* grows best in very sandy soils.
- 15 *Walteria tetraptera*. moist rich loamy soils. This is the only species that I have met with, within about 100 miles of this place. The *W. septera* grows near Savannah from whence I expected to get it for this box, and

hope to be able to send it in the next.

N^o 16 *Qualitica* found in wet places

- 17 *Robinsonia pumila*, doubtless impoverished plants of *R. hispida*: — found in the poorest sand and gravelly places, where the earth is hard and seemingly trodden. It is beautiful, producing large racemes from stems not above 6 or 8 inches high.

- 18 *Rehmannia rosea*; in a rich garden soil 6 feet high.

- 19 — *Hispida* in N^o 13 " 15 " " arborescent.

Sarracenia rubra. The only species near this place, but the *variolaris*, & *flava* are in great abundance — acres, about 40 miles below here, on either side of the Charleston Rail Road, — in Barnwell D^{ist} S. C. I have almost been vexed at the failure to get these: but you may depend on them hereafter; also the *Brittonii*. The beautiful *Hypericum rosmarinifolium* grows in the same locality which I was to have had with some the *Sarracenia*s.

You will please to accept these; but do not trouble yourself to make any return which I thank you sincerely for the offer. I only wish to enlarge my collection with new Southern plants, to be distributed at a suitable time to yourself and other scientific correspondents. When I wish to get other plants, I will avail myself of your kindness and name them freely.

With Assurances of Great Respect.

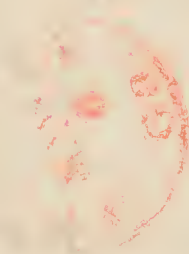
I Remain Y^r Obedt ^{Servant}

Thos. S. Wray.

Doct. Aca. Gray?

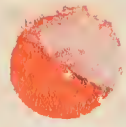
P.S. There are several individual plants thrown into the box such as a blue *Gentiana*, *Pris vernalis*, *Pinguicula lutea* &c — too few for marking.

Dr



*Dr. A. A. Gray.
Harvard University
Cambridge Mass.*

Mail



Augusta Ga. Sep. 27th 1844

My Dear Sir

Your kind note from Princeton N.H. came to hand about a week since. On the next day I went out to the place of *Elliottia* visited by you and myself last year, and notwithstanding the most diligent search I was not able to find the slightest vestige of a flower stalk remaining on any plant. I do not find there to be a few flowering plants—not giving flowers in perfection oftener than once in three years or more, yet some are seen to flower every year—perhaps the soil in this very locality may not be the most congenial to them.

On looking over an old Herbarium of mine, of recent specimens (the best however that I have) I find several that show the young pericarp sufficiently plain for you with a good magnifier to make out the characters for the future capsule and seed. Some of these I attach to this paper with weak gum water, to prevent loss. And with the first things I send you this fall shall be the best specimens of entire racemes near 18 inches long! Mentioning your wants to a friend of mine, who has a fondness for flowers, and is acquainted with the *Elliottia*, he said that he should visit the country in a few days; his route would lead him near a fine patch of *Elliottia* and if a dried seed vessel could be found remaining he would collect it for me. I detained this answer until his return which was this morning. I am sorry to say that he was as unsuccessful as I have been.

The remark of Elliott had been forgotten or escaped me, relative to the undepined characters of the seed; and I regret you did not call my attention to it earlier in the season; should however nothing prevent it, ~~and~~ or that the specimens I send you be insufficient, you may rely on receiving from me an ample supply, next year.

I am sorry to learn that the living plants I sent you last year failed; only account of the loss of one years possession, for I will send you another supply with great pleasure so soon as the season is sufficiently advanced to allow of taking them up; together with any thing else that you seek name, if I can find it.

The plant that I was aiming to send you two years ago for *Schisandria cocin*

via I find to be the congener, *Windlandia papulifolia*, which I can send if
wanted. Some years since when crossing a small stream that runs thro' marshy ground,
with Dr Leavenworth he showed me a plant bearing brilliant red berries, ^{which he said was *Schisandra*}. On search-
ing for the same I blundered on the Sunday that I sent you.

The charges that Mr Bridger will make for the expenses on the Plants he is to
deliver to me for you will be paid with great pleasure, that or any other service
I can at any time render you, will be attended to with the greatest pleasure.

I neglected to acknowledge your very kind present of Books last Spring (Winter) but
beg you now to believe that they are very valuable to me. Poor Baldwin! I am very grateful
to Dr Darlington for having compiled and published his Letters. Independent of their intrinsic
value and especially "establishing localities of plants; there is a delightful feeling in perusing
such letters. We had corresponded with each other for several years before his death; he had been
several times at my house; indeed every time that he passed thro' Augusta we were constantly
together, - he had no other intimate here but myself; we had wandered frequently in the fields and
woods together about Savannah as well as this place, and at every interview he became
more closely bound to me, ^{the indulgence of} in our best sympathies. I think our acquaintance began about
1818 and I was ever after uneasy when I lost sight of his rambles or destination. His
memory is deeply hallowed in my mind.

Your "Text Book" is the most invaluable arrangement of elementary principles
of the natural system that I have seen, or has appeared for which I hope you will
be every way amply remunerated. Other editions well, but I cannot believe that
other works of a similar character will be shortly called for.

Y^r "Very Sincerely
Thos P. Waag."

Doct. A. Gray.

Oberlin O. Jan 21, 1884

Dr. Leemo Nathan

Dear Sir,

May I ask you
to answer an inquiry or two about
the new edition of Gray's Manual, which
I see announced for this spring. I
have some lists of plants to prepare
for publication - and it would be very
desirable to have them in accord with
the Manual if possible - I assume
that you have the revision in hand,
and would like to ask 1st if it is in-
tended to revise the nomenclature thor-
oughly to date - and 2^d where, i.e. at
how early a day. I could expect to get
a copy. bound or unbound? It may
come too late for my purpose, or the pub-
lisher may wish to dispose of a lot of the
old stock, as was the case of the "Lessons" last
spring - in which case I should like
to know 3^d whether you are familiar
with Patterson's Check List of N. Am. Plants
and consider it a scholarly list.

Very truly yours

Albert Wright,

Oberlin, O. Feb. 15, 1889

Mr. Sereus Watson

Dear Sir,

As you kindly
offered to help me get my lists of
plants into harmony with the forth-
coming edition of Gray's Manual.
Let me say, that if I could know
what the arrangement of the fami-
lies is to be, I could put the
lists in such shape as to greatly
reduce the labor of revision, I think.

I enclose herewith a list of all
the families which I expect to use,
arranged practically after Patterson. If
you could indicate needed changes, or if
any easier, have a copy made of the whole
list of families. it would be of great assist-
ance. I trust the Gymnosperms will
be placed after the Angiosperms, as it seems
to me to be more in accord with their geo-
logical relations.

Sincerely yours

Albert A. Wright.

Oberlin, O. Mar 20, 1889

Mr. J. Mearns

Dear Sir,

I send you today a list of Ohio plants. It is the longer list, to which I have alluded, and so includes the shorter list of Lorain Co. plants. The latter I must print at once. The longer or composite list may not be published this spring - before the Manual appears. I hope this may still get done for doing so ^{very soon.}

You kindly offered to put my lists in harmony with the forthcoming edition of Gray's Manual. Let me entreat you to do so in the way that will give you the least labor. If you can furnish me with advance sheets of the Manual I can do it all myself. Otherwise I trust you can turn it over to some assistant - and I will gladly meet any expense connected with the work.

I have endeavored to anticipate as many of the corrections as possible with my limited literature - Some varieties are put in with a (?) - for you to retain or demolish -

OBERLIN COLLEGE.
GEOLOGY AND NATURAL HISTORY.
ALBERT A. WRIGHT.

The Ohio list is practically Dr. Beardslee's of Painesville - prepared for the Geol. Survey, and never printed. There is no good list in the market so far as I know. May I ask you if you know whether any one else is preparing a flora of Ohio? And if a thoroughly good list were prepared & annotated, making a 75 page pamphlet. What would be your judgment as to whether the edition should be 500 or 1000 copies? printed privately, and by parties who could afford to send out only a limited number of presentation copies? This is a hard question, of course - but if you can give me any judgment I should be glad. One more - to whom might I submit the mosses and Hepaticae - after I have put them in accord with Lesquereux & James Munnal, and Underwood's Hepaticae? I am not acquainted with Prof C. R. Barnes, but had thought of writing to him on the matter -

With many thanks for past favors, and with the feeling that I am asking a great deal of you - I am - Sincerely yours

Albert A. Wright.

Oberlin, O. Apr. 20. 1889

Mr. Samuel Watson

My Dear Sir,

I am desirous to
name a book which will help an ama-
teur botanist in the Caroline Islands.
I know of nothing, unless it be some com-
pend of botany, describing orders, with
mentions of interesting illustrations - In
this dilemma, as in many others,
I write to ask what is the best thing obtain-
able for a moderate outlay, say \$20 or 25
It is for a graduate of this college - a friend
whom I am anxious to help - one who appreci-
ates the scientific side of things, and
from whom I am likely to receive some col-
lections, in time, which I shall be happy
to share with you.

Cordially yours

Albert A. Wright,

Oberlin, O. May 24, 1889

Mr. Lewis Watson

My Dear Sir,

The M.S. which
you sent came safely to
hand - I cannot adequately
express my gratitude for your
kindness in this matter.

I will note when the book
and is needed

Very truly yours

Albert A. Wright.

Oberlin, O., May 30, 1889

Mr. Lucius Watson.

Dear Sir -

I enclose herewith
some additions which have come
in to my list since I sent the first
to you. I have indicated for each species
what it is desired to know

If I could get a reply to this in
the early part of next week, and the
rest of the list (which you retained)
some time during next week it would
meet all necessities, and be a great
favor - The first part of the list
will be in type by Monday next -
perhaps on Saturday -

With best regards -

Sincerely yours

Albert A. Wright.

Arlow, June 26, 1875 -

Prof. & Mrs. Gray, L.L.D.

My dear Sir -

I write to

say that I shall be unable to come down to Cambridge on Commencement day. Some things connected with the anniversary here require my presence at home.

Permit me to say further, that a fresh perusal of your Atlantic Monthly articles impresses me anew with the great value not only of them but of what else you have written upon that subject. The infidel class of Darwinian expositors have lost the ear of the public entirely too much, and have needlessly added to the alarm of orthodox people.

And such opponents as Hodge and Samson have made matters still more.

It strikes me you would confer a great favor upon the world, if you would collect your writings upon this subject and publish them together, so that they would be accessible to students

generally. Let it include, eg. the St-
Louis articles with those in Gillman's
Journal, and those that form rational
evidences I have ^{in my own mind} ~~in my own mind~~ ^{in my own mind} set & you
in the Nation. Your Enlarged ac-
tion also should be included, as well
for the ^{exquisite} ~~show~~ manner in which it illus-
trates the method and force of inductive
reasoning, as for the sagacious philo-
sophical remarks with which it closes.

There is yet - an immense amount - of
prejudice and mis conception upon
this subject - to be removed. It was
your Christian faith and your clearness of
conception and statement - that - when
once I had access to a library where I
could find what - had been written
on the subject, - were the most im-
portant - factors in leading me to my
present views. If ministers could more
easily secure your writings, it would
lead, I have no doubt, to a more rea-
sonable consideration of the subject - than
now prevails.

It was at Prof. Dork's suggestion, now two years ago, that I set myself about preparing to write you the subject. He has been in to confer

with me since I was at your house
and as a result - I have determined to
use what I read to you as the basis of
four articles for the Brit. Soc. which
shall without committing myself too
positively, state 1.st The Darwinian
argument in the form in which,
those with a theological training and an
ordinary amount of scientific knowl-
edge, would be most likely to feel its
force. 2.nd The objections and modifi-
fications of his theory which have
been suggested, with the answers that
would be considered pertinent.

3.rd The doctrine of final Causes
as affected by Darwinism.

4.th The adjustment - of Darwinism
to the place in Theology which Cal-
vinism had prepared for it.

These ^{series of} ~~these~~ articles will not begin before
next April. I shall meanwhile
be extremely glad to receive any sug-
gestions ~~from~~ ^{which} you may deem it
worthwhile to send me, and I should
be glad to submit the proof to you
for the purpose of meeting and - any
scientific errors in to which I might
unwittingly fall.

I thank you most-heartily for
the attention you have already bestowed
upon me, and for the delightful
Sabbath I was permitted to spend
in your family. Give my
kindest regards to Mrs. Long, and to
your sister. Please express to Sa. Pres-
body my high appreciation of his
Baccalaureate Sermon.

Yours very truly
L. F. Wiggins.

Quincy, Oct: 9, 1878

Prof. Asa Gray

My dear friend.

I acknowledge
with thanks the receipt
of the Nov. Journal of Sci-
ences & Arts.

Thos-ism of yours in the
Nation on the Conclusion
of Brain and hair was
very neatly put.

Last-weeks Christian
Register had a favorable
notice of "Darwiniana".

I saw also in the "Union -

about two weeks ago, an ex-
tract from Dr. McCool's letter
to the New York World
on Huxley, in which he
refers to your book pleasantly
as occupying such stoutly
his own position.

I have as yet seen no ad-
verse criticisms.

I judge that "Darwiniana" induced
Mr. Cook to change the title of
his lecture on the "Concessions of
Darwinists" to "Concessions of
Evolutionists" in general.

With regards to Mr. Gray

Remain yours truly

H. D. Wright

Prof. Huxley's lectures are centering
attention upon the scientific attitude.

I mailed a copy of the July Brit. Soc. &
Mr. Darwin. I was greatly gratified to
receive a very courteous and appreciative
note from him assuring me that
it was a "most clear statement," and asking
me to send him my following article.

I shall now proceed with fresh ani-
mation and hope to a year's reading of my
favorite subjects with the view of com-
piling the work I have already laid
out. Prof. Darch is both gratified
and somewhat surprised at the fa-
vorable attitude of the Christian Public
to your views. He has expected more tim-
idity and misapprehension.

When you return I shall hope to drop
in and see you a few moments some
Monday. I have seen the Hotel of Glaston
and cannot conduct you & if, if you should
visit me again, it is, very small, and
is unfortunately indigineous.

With kind regards from Mrs. Wright and
myself to Mrs. Grog, I remain

Yours very truly
L. F. Wright.

Anchorage, March 14, 1876

Prof. Asa Gray L.L.D.

My dear friend.

Your proof (116 p.p.) has
come and I am keeping up with
the index. I notice the following
errors ~~in~~ that seem to have
escaped the proof reader's eye.
p. 16, 14th line, infered. (p. 29) 1st line.
"un", omitted, in unattainable, p. 37, 10th
line from bottom, "in is" should be
"is in" ^{before} general, p. 47, 7th line, "to"
omitted before complete, p. 56,
7th line from bottom "to" omitted
before which, p. 81, 10th line, "m"
for "n" in with, p. 84, 11th 12th lines,
pages referred to incorrect,
p. 106, (1) of not note omitted. p. 108, 11th
line from bottom, "v" misplacing,

The printers are making
progress slowly on my
proof. I shall probably
call in a week or two.

Yours very truly
H. F. Wright.

I hope your Rocky Mountain
trip with Dr. Hooker will be
all you hope, and that you
will return in safety.

Perhaps I can bring my
children down to spend
a half hour in the gardens
and just see you
before you go.

But please do not
absorb any of your valuable
time either in correspondence
or in other matters.

I shall not expect any an-
swer to this except the re-
turn of my communication
to Dr. Hooker.

Yours very truly
G. F. Wright

Amherst, June 5, 1877

My dear friend.

Perhaps you have
not seen this extract from
the London Daily News
which I enclose. Give it
to Mr. Gray.

The appreciation of Mr. Thwaites
was very hearty and must
be very satisfactory.

It is too
bad that so stupid a person re-
viewed your book in the Spectator.
But in his case the mild must
be taken for the best.

My children are reveling with
me, in the delights of Botany
my father-in-law your "Home Plants"
~~the~~ Behave. Some of the
Professors families are doing the same.

Too many of our hope-ful men are ignorant - of the very rudiments of those sciences which form the basis of so much of the present discussion.

Do not encourage the lecture system to such an extent that a man may graduate from college and enter the ministry with no knowledge of geology or botany. Men need to know a little of a great many things before they sit & work to learn a great deal about - one thing.

Mr. Cook's remarkable rhetorical display in Boston, is likely to raise up a host of bigotry and self-assurance of which we shall

soon be made ashamed. Osgood is to publish lectures on "Biology". The next two or three ^{many of our pulpits} years will ring with meaningless changes on "bioplasm", et not genus. It is too bad.

At the same time I am having numerous applications in person and by letter from students in the Seminary and in colleges, and from others, regarding the views presented in your book. 'It came out at a good time.

You and I have not yet given Dr. Darwinton up. I enclose my last to him. If not too much trouble with you read it & send him the north end, and show it with any suggestions or 'may' occur.

P. F. Wright

FREE CHURCH PARSONAGE, ANDOVER, MASS.

April 8

1878

upon the general public
the problems of science as though
they were ^{established} results; that it was
an unpardonable blunder for
a religious teacher to try to prove
the doctrines of religion by the
unverified ^{in general} speculations of sci-
ence; that there was too much en-
deavor to prove ^{in a demonstrative positive way} the reasonableness
of Christian doctrine rather
than the truth of it; that
when we could not get any
body back from the church
we had better believe Moses
and the Prophets; that when
we had plenty of oil wine
& drink, it was not best
to hanker for the new, &c.

I sent B. Soc. The notice of Biology is
character of Dr. Beard of N. Y.
~~interesting~~ and is curious. I presume
Dr. F. B. F. put in the last section. for he has
not read the book, and no body who has, and
is a metaphysician could compare M. & to P.
In. unless he means - Ben. - of course return
Zay with same and ex. h. & Z. Wright

My dear Dr. Gray.

I should
have run over and
collected upon you & de-
but - yesterday was a la-
barious day, and when
I got through at Min-
isters meeting I was pretty
much tired and ^{and have a cold} so I
~~could~~ ^{could} not - right - home.

So far as I can see I
have reason every way
& be satisfied with the
reception of my paper
on the "Relation of Re-
ligious Teachers to Scientific
Experiments."

There was a large attendance
~~and~~ probably 150 ministers.

The paper was greeted with respectful
glance, and fully sustained in the subse-
quent discussion.

I made no reference to
Mr. Cook. But took the ground
that - The main truths of
Christianity were ^{compossible} ~~in accord~~
~~accord~~ with ^{various} theories of physi-
cal causation; that re-
ligious teachers are, or should
be, experts in matters of
spiritual philosophy, and
of practical methods for
inciting and controlling the
religious nature of man;
that our main work
should be to push into
prominence the posi-
tive proof of the Christian
system, and the proper
interpretation of it; that
there was no possibility
^{in this field} of clashing with ~~and~~ the
demands of physical science
except both parties were -

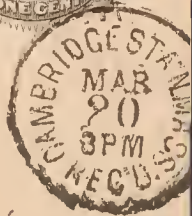
a - 1 - Their way to lay to rest the
question from the nature of the case must be -
to set the fact of science, and beyond the scope
of religion. The exact nature of identity and the nature of
the connection between mind and matter; that
~~that~~ we can in a general way see where where the
religious faith exists, and the nature of physical science
exists; that when a scientific man clearly gets over
his own field and begins to show inferences as to possible
for science, from an object not very remote from with
our theory; that when we get in to the scientific
field and set our selves up as our principles are most
opposed to money; that we must find a way to
improve for a scientific man to improve

Mordr 19 1880

The N. Y. Tribune for the 12th has a long
and admirable notice of your book. Also
the "Interior" of Chicago, an Old School
more than
Presbyterian paper devotes a column to a
summary ~~and a copy~~ of it while commencing your
work most - highly. The less you have then I
will get - them for you. The N. Y. Observer
has noticed my book very favorably.
Yours truly
H. F. Wright



WRITE THE ADDRESS ON THIS SIDE-THE MESSAGE ON THE OTHER



Professr A. A. Gray,
Botanic Gardens,
Cambridge,
Mass.

May 14 1880

Dear Dr. Gray.

I returned home
to find that Prof. Fisher
had left at my house
an invitation to take tea at
his house and meet
Prof. Fisher. I write
simply to tell you of the
emphatic and unquali-
fied commendation which
both of them had for
your lectures. The litera-
ry style and the knowledge
of philosophy and theology ex-
pressively impressed them
both. Professor Fisher
spoke of the great inter-
est Prof. Moore took in

them. It appeared that he
and Marsh had commenced
the field in connection
to see if there was any
one else who could
speak so as to command
the respect of both parties
and their conclusion was
that ^{in that ability} of present - you stood
alone. There are numer-
ous of the younger scientific
men whom I know are
drinking in the spirit of
their lectures and the hon-
est will be of good.

Whichever day the matter may
give) Prof. Hooker and Prof. Fisher
are magnified in their ex-
pression of your merits.

Yours faithfully
G. F. Wright.

May 18 1880

Dear Sir Sir,

Since writing you this morning I have seen Prof. Fisher again, and we talked about the last paragraphs of the Princeton Review article. He says that - he asked Pres. Porter soon after writing that - whether he really believed that the doctrine of evolution could disturb the doctrine of design and he said emphatically that he did not. Prof. Fisher said he could not see what those last paragraphs meant, and the only excuse he can make for Pres. Porter

is that he writes in extreme
hostility, and is unfortunately
in a polemical attitude
towards the agnostics. He
says ~~moreover~~ ^{in private conversation} that
he has ~~nothing~~ but words
of commendation of your
lectures, and that they have
been emphatic and numerous.
without of course committing
himself to any manner of
position.

This habit of hostility in the
President's work is a sore
thorn to the New Haven people
and has been for some time.

Yours truly

H. D. Wright.

697 Cambridge Street.
Brighton.

Jan 2, 1900

Dear Mrs. Gray,

My youngest daughter

Helen, and I are coming over
to Cambridge Thursday, and
plan to call on you between
two and three o'clock. Hoping to
find you well and at home
Yours sincerely
W. F. Wright.

University of Toronto,

BIOLOGICAL DEPARTMENT.

8 VIII - 1891

Dear Prof Goodale

This will probably find you rusticated some where, but perhaps you could transmit a request to the Herbarium at Harvard on my account altho' absent -

I bought last year some specimens of Kallima machus a classical example of protective coloration among the butterflies. It hails from Darjeeling, and haunts a species of oak with an entire leaf — Q. nepaulensis — I

think it is called, the dried &
withered leaves of which
it imitates - Some herbarian
leaves of this species might
heighten the effect of my
specimens as a museum
lesson, and I shall be much
obliged if you can obtain
them for me -

By the way Miss Lily has re-
ceived some Sweet pea seeds
in the spring addressed to
my care which she at-
tributes to your kind inter-
vention, and which, having
turned out magnificently, she
is proportionately grateful
for - and so are we, for
we share in the results. We
are all tremendously interested in
her engagement to the son of the
Sheriff of Toronto, & son of the
Premier of our local Parliament,
which is the latest Toronto news!
Mrs Wright joins me in
kind regards to all goodale
& yourself and I am Yours truly
Ramsay Wright.

Dundee N. Y.

Dear Sir:

Sept. 4th 1865

I have just effected a complete classification of my duplicates for exchanges, and I find the enclosed (about 20 species) which are among your desiderata. Most of these do not grow here. Anything you may desire at any time which I have, or which grows here I shall be most happy to send to you.

Yours Truly
S. H. Wright

Samuel
Berlin, H. Wright,

OFFICE OF

DEALER IN

FLORIDA LANDS, ORANGE GROVES,

CITY PROPERTY, IMPROVED AND UNIMPROVED.

PARTIES WISHING CHOICE LOCATIONS, INVESTMENTS OR GOVERN-

MENT LANDS, WILL DO WELL TO SEE OR CORRESPOND WITH US.

Volusia Co.

Bake Helen, Fla., Jan. 24th 1887

Prof. Asa Gray:

Dear Sir:

I send you herewith, ^{separately by mail} a plant in
Compositae, which not having been able to refer in a
satisfactory manner, to known species, I trust you will
identify for me if not new. It was found here by me
in the latter part of Nov. and one specimen was found in Dec.
growing always among sphagnum moss, in very wet places.
Some of its more noticeable characters I give below.

Plant ———, 2½ to 3 feet high, with resinous atoms on all parts of it.

Leaves ———, alternate, entire, cauline few, ~~more~~, lanceolate. Lower
~~and radical~~ leaves spatulate, tapering to a long narrow
serice base

Flowers ———, purplish, perfect, discoid, segments of corolla
triangular, and obtuse, spreading.

Involucre ——— of few oblong ^{green} bracts scarcely imbricated.

Receptacle ——— small, with 1 to 3 oblong paleae among the flowers

Akenia ——— obovate, 5 to 6 winged, with a costa generally
between the wings, and a ring-like cupule
at its top. Pappus none.

Head small, few flowered (7-12) on short peduncles.

I sent for a copy of your Synoptical Flora, the Gamopetalae
complete, several weeks ago to aid me in determining this very plant,
not finding Chapman's ^{work} adequate. I am spending this very first

Jan 24/87

Albany, N.Y.

winter in Florida, and I have already a large collection of plants here, gathered for exchanges mainly, — having in my herbarium at Reim Yan N.Y. nearly all the plants of the south.

I saw a few days ago in Lake Woodruff, and also in Lake Monroe 25 miles farther north, the *Nymphaea flava*, Leitm. (which Mrs. Frost re-discovered), but not in flower.

Truly Yours

S. Hart Wright

R. S. I send also the old fruit stalks from another specimen valuable for the herbarium. The specimen sent to you is the only one that is good enough for the herbarium.

The locality will furnish six or eight some time next summer.

S. H. W.

Feb 1,

1887

Dear Dr Wright

I beg your pardon.
In my haste, I did not
more than just look
at your specimen - nor
notice the defect of
pappus, &c -

I have now opened
my eyes - My thought
was that this must be
a variety of Trilisa
odoratissima But I
see it cannot well
be that. The plant
belongs to the subtribe
Steniceae, and lies near
Gymnocarpos. But corolla
& style differ - If it
holds out - and you must

get more, I see no
other way but to make
of it a new genus.

I wonder if it has
any of the Vanilla a
roma of the Vanilla
plant

I'm great hearted
with humiliation for
my stupidity
I remain, Sincerely

Yours As Gray

S. ~~DEVELOPER~~
Berlin H. Wright,

DEALER IN

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MENT LANDS, WILL DO WELL TO SEE OR CORRESPOND WITH US.

Volusia Co.

Lake Helen, Fla., Feb. 15th 1887

Prof. Asa Gray

Dear Sir,

Your favor of the 1st and one of a former date, are at hand, having come while I was off on a trip for plants.

I went to the station of the new plant and obtained new fresh leaves, and tested them for aroma, in various ways, such as crushing, wilting, and in the natural state, and dry state, and in all cases, no aroma was given out. No odor, or Vanilla fragrance is to be detected.

It occurs to me, that in order to have the sub-tribe Flaveriaceae embrace this new plant, (as you thought it might), a modification of that sub-tribe would have to be made, and exclude the characters of "opposite leaves" and "no oil glands, nor resinous atoms". The leaves of the new plant are alternate, and the plant has an abundance of resinous atoms, so much so, that the stems sensibly adhere to the fingers in handling them. The flowers not being yellow, is another item, tending to exclude it from the Flaveriaceae.

Never having had a genus named for me, and only one plant (the Polygonum), I would suggest that you publish it, and if approved, call it *Hartwrightia Floridana*.

(over)

While out on a trip, I found another station
for *Nymphaea lutea*, and using a heavy iron dredge
for collecting unios, I succeeded in getting
some of the roots of the *Nymphaea*, and would have
sent them to you, but they will over reach the
four pound limit of mail parcels, and to send by
Express, more native mud and better specimens, might
be got. Besides I feared they would perish by freezing
on the route. Would it not be well to defer sending now
and get fresh specimens as late in the spring as
possible?

Truly Yours

S. Hart Wright

W. H. M.

OFFICE OF

Berlin H. Wright,

DEALER IN

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PARTIES WISHING CHOICE LOCATIONS, INVESTMENTS OR GOVERN-
MENT LANDS, WILL DO WELL TO SEE OR CORRESPOND WITH US.

Lake Helen, Fla., Feb. 24, 1887

Dr. Gray:

Dear Sir:

Your favor of the 18th is at hand. I beg pardon for having wrongly read a name in yours of the 1st, as to the subtribe, which I took as being *Flavescens*, which you say is not so, but *Piquetensis*. This subtribe is not in your Synopsis, and I had compared all the ~~other~~ subtribes in it, and as ~~none~~ all were eliminated one by one, except *Flavescens*, I caught on that as being the one intended. I enclose the letter of the 1st. that you may see how I blundered. Even now the word does not very strongly resemble *Piquetensis*, and I conclude is something else.

The naked crown of the achenia of my plant places it near *Gymnocoronis* as you say.

I will secure roots of the plant and send to you soon, and will wait some for cold weather in the north to pass, so as to not freeze them en route.

Yesterday I found the *Amargyllis stans* and *Satureia rigida*, and others. Plants are now rapidly coming forward.

Truly Yours

S. Hart Wright.

W. H. Wright
S. H. H. H.

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OFFICE OF
Samuel H. Wright,

ASTRONOMICAL CALCULATIONS
MADE FOR ALMANACS FOR ALL COUNTRIES.
Manuscripts for 1889 Now Ready.

EXCHANGES MADE IN RECENT AND FOSSIL SHELLS AND PLANTS.
LARGE COLLECTIONS OF FLORIDA SPECIES FOR EXCHANGE.

UNIONIDAE A SPECIALTY. SPECIMENS NAMED.
LISTS OF DISIDERATA AND DUPLICATES EXCHANGED.

LAKE HELEN, FLA., NOV. 1 TO MAY 1.

PENN YAN, N. Y., MAY 1 TO NOV. 1.

Dec. 3

1887

Dear Sir:

I send you by mail to-day, four more of the new *Compositae*, of which one was sent to you about a year ago, being all I could find them. Those sent now were collected by my son in October, in Volusia Co. Fla. The plants I learn by those who remained during the Summer in Fla., flowers from June to Nov. and the patches of it in July and August look purple at a considerable distance. One of the specimens enclosed has a pinkish hue.

The absence of pappus, on which point you desired to be fully assured, is constant. My son has collected about 75 specimens, all being in Fla, except about six, of which I send you four.

Below I give you some of the most apparent characters

Leaves alternate entire; Cauline few, lanceolate, narrow. Radical leaves ^{very} long - petiolate. Flowers discoid, perfect, few, purplish, or pinkish, destitute of pappus. Segments of the corolla triangular, obtuse.

Heads ~~pedicellate~~ ^{angled} pedunculate, 7 to 10 flowered.

Achenia ^{angled} obovate, with five or six narrow wings, and a costa generally between them, ~~twings~~ and a ring-like cupule at the summit.

Receptacle very small, with 1 to 3 oblong scales among the flowers.

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LAKE HELEN, FLA., NOV. 1 TO MAY 1.

PENN YAN, N. Y., MAY 1 TO NOV. 1.

188

Involucre few-leaved, narrow, green.
Style branches clavate, hispid. Anthers not blue
Plant two to four feet high, sprinkled with resinous stems
in every part. In sphagnum swamps, Volusia Co. Fla.
June to Nov.

In your letter to me, sent just as you was leaving for
Europe, you suggested that you might name it on your
return in autumn, and spoke of Hartwrightia as a name
that might be given to the genus, as the plant would require a
new genus to receive it.

The habit of the plant being, wherever found, always in
and among sphagnum moss, that might suggest for
its specific name

sphagnophila
or sphagnocola

or from its resinous stems

resinosa

I am Truly Yours

S. Hart Wright

THE UNIVERSITY OF CHICAGO
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Original of 1890

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Dec. 3/97

DEALER IN
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LISTS OF DISIDERATA AND DUPLICATES EXCHANGED.

~~LAKE HELEN, FLA., NOV. 1 TO MAY 1~~

~~PENN YAN, N. Y., MAY 1 TO NOV. 1~~

Jan 20th 1888

Dear Sir:

Your favor of Dec. 5th was duly received. The information you gave me of the prostration of Prof. Gray from paralysis was very sad news, the more so, as I had hoped his European trip had invigorated him.

Since you wrote me, I have heard nothing definite as to his health. But I trust he has improved, yet we have nothing scarcely to hope for, after an attack of paralysis, as the disease usually returns once or twice after the initial attack, if the patient survive that, or it may not wholly disappear, in which case the mind is gradually undermined by it. Even under the best possible conditions of the attack, the conviction will remain, that Dr. Gray's great botanical labors are over.

The whole civilized world will ^{beel} an unspeakable sorrow for the affliction which has overtaken him.

If sentiments of condolence, are allowable to be conveyed to him, I would be glad to have him told that I send my kind regards, with the hope that he may entirely recover.

What disposition is best to be made with the new plant in *Compositae* from Florida, ^{upon} which Dr. Gray expected to erect a new genus? He intimated that it ^(the genus) would be

named *Hartwrightia*.

In case of Dr. Gray's inability to do any more botanical work, would you kindly take up the plant, describe and publish the genus and species? More than a year has now passed since I discovered its characters, and sent it to Dr. Gray, and I am somewhat anxious to have time saved, fearing some of the southern botanists may get acquainted with it, and be first in the field to describe it.

I am Truly Yours

S. Hart Wright

Jan 20/88

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LAKE HELEN, FLA., NOV. 1 TO MAY 1.

PENN YAN, N. Y., MAY 1 TO NOV. 1.

Feb. 3^d 1888

Prof. Sereno Watson }
Cambridge Mass. }

Dear Sir:

Your favor of the 23^d Jan. came duly. I regret to hear from you that Dr. Gray's condition is not really re-assuring for the better. A case occurred here, of a gentleman of wealth and culture, who was stricken with paralysis two years ago, from which he seemed to perfectly recover, and who attended to all the details of life and business, when a short time since, he was overtaken again with an attack, and died in three days.

There is already an imperishable monument towering high, in memory of Dr. Gray.

As you do not find yet any notes of Dr. Gray's on the Florida new plant, I have thought it well to enclose some of his correspondence to me on it.

In his last letter to me April 4th 1887, just before leaving for Europe, is a passage showing that he then had some grounds for apprehension as to his future health.

In the letter of the 18th Feb. 1887, he really says that "tho' naming it so, (Hartwegia) would like to wait to see more of the thing in blossom".

In a former letter to me (I do not find, having mislaid it) he referred the new genus to the subtribe Piquerieae, as in the letter of the 18th Feb. but I did not fully make

out his word, and mistook it for Flavescens, and hence his reference to the latter.

In his letter (mis laid) he says it (the genus Hartwrightia) is near the genus Gymnocoronis.

I will be glad to have you return these letters to me at any time convenient, as I wish to keep them as mementos of my dear friend Dr. Gray.

Truly Yours

S. Hart Wright

P.S. It occurs to me that the Hartwrightia, is the only genus in the U.S. representing the subtribe Piqueriæ.

S. H. W.

Feb 9 3/10

Penn Yan N. Y. Jan. 23^d 1881

Prof. Sereno Watson

Dear Sir:

I have been informed—that you are to revise for Mr. Patterson of Ogawaka Ill. the Catalogue of North American Plants, he is expected soon to publish.

I desire to request you to give me whatever of recognition I am entitled to, in that Catalogue, with respect to two plants I ^{have} described and published.

In the Bulletin of the Torrey Club, Vol. IX page 86, (1882) I described and published a new species of *Dicromena* found in Texas by Reichenow, which I dedicated to Mr. Reichenow, naming it *D. Reichenowii*. In the ~~Torrey~~ Bulletin of the Torrey Botanical Club, for April 1888, ^{page 101} Mr. Britton slaughters my name of the plant, and claims that *D. nivea* Boeckeler ⁽¹⁸⁷¹⁾ has precedence, or priority, and at the same time his notes show that Boeckeler never published the plant, but only a name for it, and that Dr. Torrey's name of *D. diphylla*, was only (I suppose), a label-name, and that though Dr. Torrey must have seen the plant as early as 1847, yet he never published it, nor even his name of *D. diphylla*. ^{Which name Britton also sets aside} If a label-name, or Boeckeler's printed name in 1871 without a description, and with the wrong genus, *Rhychospora* attached to it, is valid, then the Rule of priority does not relate to the first issued printed description of a plant, but only, to a name. In such a case the rule becomes very elastic, and does not

(2)

* That *D. nivea* Boeckl. or
Rhynchospora nivea
 Boeckl.
 was not Reversch's plant
 is not improbable, as
 Reversch's plant is a
 grass in a ^{low} water country
 and not found ever in
 the snow or beside
 snow banks.

protect the person who first issued printed a Description of a
 plant, where he places it in the right genus. Mr. Boeckeler's
 publication of a name *D. nivea** may, and may not have been
 for the same species Reversch found, for when no description
 is known of a plant, a name printed in a catalogue may
 be misleading and
 belong to some other species in the genus genus, and yet Mr. Britton
 calls the printing of a name in a list or catalogue "simple
 publication" see page 101 Torr. Bull. April 1888, and this in face of the
 fact that no publication of the plant was made either by Dr. Torrey,
 or Boeckeler as late as 1871, and none until mine was issued in 1882.

Again, Mr. Britton proposes to slaughter another name of
 mine for a plant. In Bulletin of Torrey Botanical Club Volume XIV
 page 135 ⁽¹⁸⁸⁷⁾ I described a new species of sedge from Florida, which
 I found there in 1887, and named it *Websteria limnophilla*. The
 plant belonged in none of the known genera of Cyperaceae.

It seems the plant had been found in Cuba which I did not know,
 and named *-Scirpus submersus*, by Saville. See Bulletin Torrey Club
 for April 1888, pages 99 and 100. Mr. Britton admits there, that the
 genus *Scirpus* was wrong as to this plant, and *Websteria* a new genus
 right, and yet puts my name for it ^{*W. limnophilla*} as a synonym!!

* I suppose it is disconcerting whether the old specific name be retained or not, as there may have been several specific names, or there may be an evident inappropriateness in the old specific name, rendering an appropriate one necessary.

That is slightly so in the word submerses, as the old specific name of *Neckstaria*. My name of *limnophylla* is expressive of the fact that plant will not grow in flowing water, as rivets or creeks, nor in larger lakes, where the wind can ruffle it into heavy waves. The plant will only grow in the small lakes of which there are a host in *Helvetic* many not larger than two acres.

Now it appears to be the practice, when a species originally put in a wrong genus, for the name of the person who puts it where it actually belongs ^{and} places it in the right genus, to be appended to the new name as authority for the name, usually retaining the old specific name. * This is the practice Dr. Gray has adopted in his various works, and appears to be also your practice, and so of others. Yet Mr. Britton puts my name of the plant as a synonym to *Saxuvilla*. His attempt to drive out the well known practice of botanists, and deprive those of any recognition who by persevering study have found plants put in the wrong genus, and put them where by affinity they belong - his attempt to thus "drive", shows he is not only a fanatic, but assumes to be a self-constituted judge of botanical equity.

Mr. Britton and I have had some correspondence in relation to the two plants above alluded to, and he is finally driven to take the position in his last letter, that it makes no difference whether a plant has been placed ^{originally} in the wrong genus, or been put into two genera, by the person who originally published a name ^{that person} merely, is the rightful author of a species, though no one has published a description, according to Britton. Whatever recognition is due me, I fully believe you will accord. I am Truly Yours. F. Hart Wright.

W. G. WRIGHT,

Collector of

Ferns, Lilies, Rare Desert Plants, and Seeds.

San Bernardino, Cal., *March 10* 1880.

Prof. Sereno Watson

Cambridge Mass.:-

Dear Sir

My Indian whom I sent out into the desert for "Weeping palms" has just returned with — what do you think? — two young filamentosas! I am so disappointed; not for sake of the expense, for that was not great — but for you, & the hopes I hung on them.

I have lately had many talks with an intelligent fellow, who for 16 years has kept stage station for the old Butterfield overland, & other stage lines, directly in the midst of the palm region, whose house itself was shaded by some immense filamentosas, "70 or 80 ft high", & to

show you the ignorance of even active smart men, in botanical matters, I will repeat something we said today:-

"Did those big palms in your dooryard ever blossom?" "No sir".

"Did you ever see a palm (filamentous) blossom?" "No, sir".

"Do they not blossom?" "I think not."

"Yet the Indians gather the seed and eat them?" "They live on it" (!!!)

"And how can seed grow without first a blossom?" "Don't know."

Another man tells me that he has eaten palm fruit - a sort of plum-tasting, egg-sized, scarlet or crimson fruit, with rows of black, smooth seeds imbedded in the pulp!

The spring this year is very late & the mountains are yet covered with snow, so I conclude to delay my expedition till about April.

Yours truly W. G. Wright

W. G. WRIGHT,

Owner of

Palms, Cacti, Lilies, Ferns, Seeds, &c.

San Bernardino, Cal., Apr 19 1880.

Prof. Sereno Watson
Cambridge, Mass.

Dear Sir

I have just returned from a trip into the desert in search of palm blossoms. None are in bloom now, perhaps because the season is so cold and backward, though I now believe that they blossom only every second or third year in this State. I have established men to watch for them, who will report to me any signs of bloom, & I will use every effort to get some, in case of blossoming, even if I have to make

a second trip after them.
This trip occupied nine days,
and was exceedingly rough
and unpleasant, chiefly from
sand storms.

I got some rare cacti; agave
deserti; *Notholaena Parryi*;
Chen. viscida; & many other
plants, none of which are new
to you, probably.

I expect soon to send you a
photograph of a "weeping palm";
one whose leaves droop over
& touch the ground, to which tree
belongs that white seed, I think.

Yours truly

W. G. Wright

W. G. WRIGHT,

Collector of

Palms, Cacti, Lilies, Ferns, Seeds, &c.

San Bernardino, Cal., July 5 1880.

Prof. Seward Watson,
Cambridge, Mass.

Dear Sir

Your favor relative to receipt of palm blossoms is duly received. I am glad they were in time for 2^d Vol. Bot. Cal., and am only sorry that they were such poor, illy-prepared specimens.

Dr Wendland has sent to me for the "characteristic inflorescence" in spirit, which I hope to send him.

The white seeded palm I think I have found, though I do not expect to be certain of it before fall, & perhaps

not till next year. There were two trees standing among the ordinary ones, but somewhat different: they are about 40 feet high, yet still wholly clothed in the dead, persistent, hanging leaves, the lower leaves, lying on the ground being today entire & perfect: while all the other palms about them were of clean, naked trunks. They showed no flower stems when I was there — none of them.

My time this year is greatly taken up with other matters, but next year I hope to find the secret of this hidden palm.

I hear that you are about to visit this Coast: I hope so, & should be delighted to meet you.

Yours truly
H. G. Wright

P.S.

In a few days I shall send you a package of plants that I have just collected on a trip, alone, to Grayback (11550 ft. altitude.) You may recollect that Lemmon & I sent you some a year ago: among others, an astragalus that had no seed-pod: this pod & seeds I secured on this trip; also many other plants new to me.

H. S. G.

W. G. WRIGHT,

Collector of

Palms, Cacti, Lilies, Ferns, Seeds, &c.

San Bernardino, Cal., *July 12* 1880.

Prof. Serrano Watson,
Cambridge, Mass.

Dear Sir:-

I send you by this mail a package of 45 plants gathered recently in a trip to Grayback peak (altitude 11550 ft.) Many of them you have had from Lemmon, from the same locality, in years past. There are some, however, that I do not recollect seeing before, as Nos 6, 7, 9, 10, 14, 15, 16, 17, 21(?), 29, 30, 34, 38, 43, 45.

I am glad also to be able to send the seed-pods and seeds of *Astragalus* - ? (No 31,) so that you can determine its specific name.

The past winter was very snowy, & consequently a larger number of plants came out this year, than in previous years.

This trip of mine was made ^{June 29, 30, July 1, 2, 3, & 4 ch.} alone, chiefly to collect plants for a collector in Leipzig, who had requested plants of me. I would be glad to know the names of these plants, if not too much trouble to you. I have retained numbered duplicates, so that you need only refer to the numbers. You need not return the specimens.

Of course I collected large numbers of others, but none that I think you would care to see.

Dr Parry will, I think, name them for me when he comes here next October.

I will be glad to see Vol 2, Bot. Cal. - I have written to the publishers to have the two volumes bound in one, if possible, for me.

Yours truly

W. G. Wright

W. G. WRIGHT, Amateur Botanist, and Collector of

PALMS, YUCCAS, CACTI, LILIES, FERNS, RARE DESERT PLANTS, MEDICINAL HERBS,

AND SEEDS OF TREES, SHRUBS, AND FLOWERS.

San Bernardino, Cal., Dec 20, 1880.

Dear Sir

A note from Dr Parry states that you have returned east. I had hoped you would come down to this "end of the earth"; I should have been so glad to have seen you.

I send herein my sole remaining specimen (after Sargent & Engelmann were supplied) of a willow, believed by Mr Bebb to be a n. sp., together with field notes for the same. (Dr. Engelmann suggested that I send specimens to Mr Bebb.)

You will doubtless find some items awaiting you, from here, chiefly a parcel of Alpines; & most interesting of all, a 5-celled gourd that Drs. Parry & Engelmann

pronounce a new genus. They were greatly interested in it, & made careful drawings of the ripe fruit; accepted from me some seeds; and I showed them the vine, from which they got leaves & made cross-sections of the late green fruit. I await with the keenest interest your opinion of it. I have sent seeds of it to Prof Goodale, & to Kew. I found the plant in April, & followed it all summer, believing it a n. sp.

Yours truly

W. G. Wright

W. G. WRIGHT, Amateur Botanist, and Collector of

PALMS, YUCCAS, CACTI, LILIES, FERNS, RARE DESERT PLANTS, MEDICINAL HERBS,

AND SEEDS OF TREES, SHRUBS, AND FLOWERS.

San Bernardino, Cal., 1880.

Prof Sereno Watson, Cambridge.

Dear Sir:

I send by this mail a box containing a 5-celled fruit of a vine of the gourd kind. I first saw it early in April last, & dug up two roots & sent them to Germany, to Haage & Schmidt, Erfurt; Florists; but both of them died in transit. Afterwards I collected several of the blossoms, (all proving to be ^{small} ~~female~~, I fear) and in the fall secured four of the gourd-like fruit, one of which I herewith send. I thought it to be a n. sp., but Drs. Parry & Engelman, (both of them my honored guests now,) are of the opinion that it is a new genus. I therefore send it to you for

W. G. Wright

Examination and determination.

I send also a large, flat package containing palm blossoms; also a Juncus that Dr E. says is a n. sp.; - this also is sent for name, if new. Also some other things that Dr Parry was unable to name.

Probably Dr Parry will send you several others from my collection. All my summers' coll. has been for Mr Bernhardt of Leipzig, and I have kept the whole till Dr Parry came that he might name them, & he found several that he called new.

Yours truly

W. G. Wright

I lately sent you, which I verily believe
has been lying in my papers for two years.
Another one is *Hulsea heterochroma*; yet another
is *draba corrugata*.

"How do I like Bot. Cal.?" Splendidly, you
bet! It is a continual wonderment to me
how you could get up such a complete,
faultless book. The labor for you must have
been truly immense. The paper is exceedingly
fine; the typographical execution well-nigh
perfect, & the binding of my copy is extremely
elegant. I am greatly indebted to Prof. Whitney
who got my two vols. bound in one, for me.

Perhaps you saw the book before it was
sent? If so, you know that no adjectives are
too strong or superlative, or language too florid.
I also like the two vols. bound in one, very
much. Will you ever issue a small
copy on thin paper, for field use?

I have no space in this to write about
the Washingtonia, further than to thank you
with all my heart for your kind words about
myself. That is better than a thousand "Wrightii's."
Yours truly H. G. Wright

San Bernardino, Cal., Feb. 7, 1881.
Prof. Sereno Watson, Cambridge.

Dear Sir

Your kind letter is duly
received. You ask if I had sent other
plants than those mentioned by you.
Yes:- about the 10th July, I sent a lot of
alpines, about 45 in number, & the
package was received and answered
by Dr Gray, who gave the names of
most of them; one, a ranunculus, was
noted "new to Cal.," & others - "n. sp.", &
closed with "package put carefully away
till Prof. Watson returns." If it is not
found, it will be no great loss, as I
intend to make yet fuller collections in
same locality, this year, & moreover, I
have the old plants yet, & may get time
to send others from the old collection.

As for the 5-celled gourd, I shall

follow it up carefully this year, & will let you know the result of further investigations; will make full collection of both flowers, leaves, & vines & roots, & slice up every fruit I see.

The aplopappus "Wrightii" or whatever you see fit to call it, I fear I have forgotten:- if not, it was a little bush, a foot high, fine little branches & lots of them, yellow flower, & very pungent, almost disagreeable odor:- if this is it, I know where to find more; if not, I must beg you to send me a fragment for identification; when I will be able to locate it, & get specimens. Do you care for additional specimens of any new thing, either for your own, or for others' collections?

I fear I gave a little offense to good Dr. Engelmann about my new juncus:- after talking it over with Drs E. & Parry, I carelessly remarked (too carelessly, I fear) "and I suppose you can give it a name that will stick?"

(for Dr. P. had told me that he, ^{Dr. Engelmann,} was an authority on juncus,) and I saw immediately that something was wrong, but it did not occur ^{to me} until later, what was the matter. Dr. E., after a moment's silence replied - "I suppose some name that is suggested by its roughness, will be most appropriate."

Allow me here to say that while I love botany with a daily increasing intensity, & love to collect, & to find n. sp., yet I am not crazy to have "Wrightii" ~~lacked~~ ^{lacked} on to everything. While such is the custom, I wish to follow it, but I would be glad to see no plants named after its finder; if the whole nomenclature could be revised & all such names as commence with capitals expunged, it would be a good thing.

My collections for the past two years have been greatly of trash-trash-trash, & not wishing to bother you with only trash, I have avoided sending much to you. By it, however, I have lost several n. sp., one of which I have lately learned, is that *Trichostema* that

W. G. WRIGHT.

Naturalist; Botanist.

San Bernardino, Cal., Mar. 15, 1881.

Prof. Serris Watson,
Cambridge, Mass.

Dear Sir

Two days ago I sent you a package of plants, registered to insure care & safe delivery. I think you will find one or more novelties: notably a *Malvastrum*, an *Astragalus*, & perhaps a *Pentstemon*, and a *Megarrhiza*. The names set down are not supposed to be entirely correct; some of them being mere guesses of my own. I have kept a carefully numbered set of duplicates, so a reference to the number will be sufficient.

I hope you will not find it too great a task to fill out & return the list sent with the plants.

Please notify me if I can be of use to you in any way.

Yours truly
W. G. Wright

W. G. WRIGHT.

Naturalist; Botanist.

San Bernardino, Cal.

Jan 27 1881.

Dear Sir

I send herein specimen that I have had a long time, and now begin to think it new. Parry calls it *T. lanatum*, but it scarcely follows description.

I gave Dr. P. some; also a dozen to Geo R. Vasey. I have plenty on hand, & can furnish as many as you may desire.

Yours truly
W. G. Wright

To send you specimen

San Bernardino Cal., Aug. 1, 1881.
Prof. Sereno Watson
Cambridge Mass.

Dear Sir:

I acknowledge, with many thanks, the receipt of two letters from you, containing names of plants sent, some of them, a year ago, & others sent this year. There is still one package that I sent you in March 1881, containing Nos 1 to 210, of which I have not received the names. I had great hopes that some of them were new, especially an ephedra, a malvaceous plant & an astragalus with spotted pods. I hope you have not yet answered it,

as it must be lost, if you have sent it. I greatly fear that these packages, chiefly of trash, must be an insufferable bore to you, on which account I have often deferred or omitted to send many plants.

I am not collecting much this summer. I have just got a lot of seeds of *Cercocarpus parvifolius*,—do you care for any? The seeds of *Styrax* Cal. and *Fremontia* Cal. are not yet ripe: I will have a large supply in due time, & will be glad to send you all you need. Please notify me how many of each you desire.

I have sliced up a good many gourds, both of *C. perennis* & *C. palmatum*:—

I find *C. perennis* sometimes 4 celled; *C. palmatum* is usually 5 celled, but sometimes 6 celled. Dr Parry was here a week or two ago & I showed him a 6-celled specimen; he counted it carefully & repeated as if much interested or puzzled.

Yours truly

W. L. Wright

W. G. WRIGHT,

Collector in BOTANY.

San Bernardino, Cal., 29 1882.

Dear Sir,

I am under many obligations for the Contributions to my "F" in which I see many familiar names mentioned. It seems to me to be entirely complete and exhaustive, and its excellence is fittingly set forth by a competent printer. Many thanks for your courtesy.

I send herein a flower of *E. polycephalus*, the only one left after sending some to Dr Engelmann, who writes that they were first he ever saw. 5 of collection was 1882, locality 12 miles from Fish ponds

on the Mojave,

where they were comparatively
plenty, but coming
into California this one is
not far from my observations
do not agree with the
Bot. Cal.; none at all
approaching cylindric form - all
were globular, & never over 9
inches in diameter; I saw
many dead skeletons of this
globular style - none cylindric,
& none with over 19 ribs.

Yours truly
W. G. Wright



W. G. WRIGHT.

SAN BERNARDINO, CALIFORNIA, Nov 10 1887.

Dear Sir:

I have been puzzled over a Balsam tree growing here upon the mountains. It appears to be identical with Abies balsamea of Wood's Botany, p. 661, of edition 1870. I used to be familiar with the tree in New England, & from recollection I should think this to be identical. But Dr. Engelmann must have seen them when he was here. I do not see it in Bot. Cal.

I saw Mr L. B. Parish today & asked his opinion:— he had never examined the tree critically, but had always taken them for the young of Abies concolor.

I do not at present agree with him.

I am going up on the mountains in a few days after cones for Europe, & will get what material the season affords, & send to you.

I am expecting to go down the coast this winter, as far as Cape St Lucas, at any rate. My quest will be lepidoptera chiefly, but I will be happy to serve you in botanical matters, or in any other way.

Have you ever published any account of your trip to Central America?

I am, Sir

Yours very truly
H. B. Wright



NATURAL HISTORY.

W. G. WRIGHT.

SAN BERNARDINO, CALIFORNIA, *July 26*, 1888.

Dear Sir

The names of the plants I sent to Prof. Goodale, are duly received, and I am obliged to you for them. I send you one more today; I would suppose it to be a *Pentstemon* if it were not for the false heads, or whorls. The color is fairly kept: it is a fine blue. I collected all the plants I saw; am afraid that there are no mature seeds.

Dr Palmer is here, but is not doing much. He is greatly broken, in consequence doubtless of his Guaymas experience of last year. I think, however,

that he is recuperating somewhat. He did intend to go to Guatemala next fall, but his health is such that it would not be prudent to do so, I imagine. He ought now to retire into some curatorship, or other safe place, & I am sure that he would be glad of such an opportunity. Can not you do something for him in that way?

I hear that Mr Greene has been re-naming one or more of Palmer's Guaymas plants! He is a most absurd specimen. I can never have anything to do with him, for I heard him abuse Dr Gray when he was here a few years ago, treating him as if

he were but a beginner in botany, while he (Greene) was an authority.

Yours truly
H. B. Wright



W. G. WRIGHT.

SAN BERNARDINO, CALIFORNIA, *Jan. 29* 1889.

Dear Sir

I send by this mail a
brodiaea & a lily. I have
showed the lily to Mr. Parish
& to Prof. Greene, who were here
yesterday: Greene said that
he had had the lily "from
the peninsula" (Lower Cal.,) some
four years ago; thought then that
it was new sp. but concluded
not to publish it "till he could
see it growing": "still thinks it a
new species:-" "certainly is not
pandalinum". Parish is utterly
astounded that a new lily should
be found right under our noses
after all these years.

It is a bog-lily, growing in
spring-bog amid tall weeds
that have heretofore hidden it.
I dug some 30 bulbs, & left
a lot "for seed". The bulbs,
leaves & flowers all seem to
be distinct. One whorl of
leaves numbers 33! & they are
^{up to 2 inches long.}
5-nerved. The flowers have
not the "lighter throat" of
L. Pardalinum, & the segments
are evenly spotted quite to the
reddened tip, & the anthers
are, when freshly opened, a
full inch long.

Full height of stem thus far
seen, $5\frac{1}{2}$ feet.

flowers quite fragrant.

Dr Parry was here two weeks
ago, & saw the *Prodiaea* in a

vase in my museum room,
he at once remarked that its
Staminodia was curious, &
said I must have it examined
at once.

I brought with a pack of
plants from Mazatlan & San Blas,
but have not yet assorted
them. I propose to send them
to you, if agreeable, as soon
as assorted.

Yours truly
W. E. Wright

P.S. The lily bulbs are sent,
fresh, in separate package,
so that you can have them
planted out, after examination.
The altitude of this valley is 1,000 ft.
above tide.



NATURAL HISTORY.

W. G. WRIGHT.

SAN BERNARDINO, CALIFORNIA, Oct 19 1889.

(Dear Sir

Mr Parish called on me a few minutes ago, & we talked about *Washingtonia robusta*, alleged to be a second form of palm. People in Europe frequently write to us for seed of it, but we recognize only the *filifera*. Yet seed of "*robusta*" is freely offered by seed dealers. Both Parish & I believe that *robusta* is a myth, a fraud; & in my letters to people asking for seed I always decline to furnish any seed under that name at any price, for such reason, stated. So, also, does Mr Parish.

Yet a certain unscrupulous man

in San Francisco, has for several years sold it, at about double the price of "filifera". His name is Miller. Personally, I know him to be a fraud, & capable of sending out seed under fraudulent name. Another man in S. F. is suspected of the same.

Will you please inform Mr Parish & myself if there is any "robusta", or foundation whatever for the alleged species.

Yours truly

W. E. Wright



MUSEUM OF NATURAL HISTORY.

W. G. WRIGHT, Naturalist.

SAN BERNARDINO, CALIFORNIA, Jan 27, 1890.

Dear Sir:-

I send you today two photos of Palm trees: both from groups never before visited by any photographer.

The one in canyon is as we may say a typical one of the palms at home, & the other the reverse. In the canyon we see many young ones, & the old ones are flourishing & in their prime.

Near center is seen a clump of grass (almost like flag = "cat-tail") which Spanish call "carisa". It is about 7-8 ft high.

This view was taken from bench on table nearly level with tops of trees, so that floor of canyon is 25-30 ft below camera.

The second is a desert view of a small



group - 13 living trees in all, out in center of desert, 3 miles from any hill or water; it is evidently on the shore of the old prehistoric inland sea that once filled the Colorado desert of Cal. All these trees are in process of dying - many others are dead, some yet standing. No young ones anywhere.

In left distance is snowy mountain 25 miles away straight line. This group is so scattered that all the standing trees could not be brought into view. Two stems at left are half a mile away.

Whatever age these trees may have, whether 100 years, or 500, if they started to grow when the Colorado Sea flowed at their foot, then the Colorado sea is rather modern. At any rate it is impossible that young palms should grow there now.

We judged that the sea once came to where the camera stood, being, of course

in the rear, or behind the point of view. This desert group is the only instance I know of where the palms are found away from the hills: it is very interesting as giving a possible clue to the recent presence of the water of the Colorado sea. It is conclusive that water of some kind was there when the trees began to grow, & for many years thereafter. But all is now a sandy desert for miles in every direction.

Yours truly

W. H. Wright



*Palms at home; happy.
W. G. Wright. San Bernardino
Jan 14, 1890.*





Palm in the Desert: miserable.
H. L. Wright, San Bernardino Cal.
Jan 14 1890.



The Largest Collection of Native Lepidoptera on the Pacific Coast.



W. G. WRIGHT.

SAN BERNARDINO, CALIFORNIA, Sept 15 1891.

Dear Sir:

Your note as to my Mexican plants is just received. I hope you will find at least a few things of interest among them.

I am now just returned from Alaska. Visited Juneau, Chilkat, Glacier Bay, & many other places, & stayed at Sitka 16 days. Went after butterflies, but found time to collect quite a bundle of plants. Found the flora & fauna surprisingly like Puget Sound forms. I set out for 5 sets; but did not get 5 full sets. The typical set I must send to Prof Greene; one to Acad. Sci. S. F.; one for Mr Parish; & ^(especially the grasses) one, for Dr Vasey. If you care for plants from Sitka I will be glad to send you all I am able, in return for your many courtesies to me.

At Sitka, timber line is at 3,000 ft. Alt., & above timber I found an orchid & a frit-

(*F. Kanabochakensis*)

tillaria, which also grow at sea level:—
a rather curious fact.

At San Francisco, on my homeward
journey, I met Mr. Coville this assistant
of Death Valley Exploration Party:— That
party has dissolved & departed for
home.

I will put in this letter a sprig
of heather from above timber line
at Sitka, where it is abundant.

It was first given to me by Miss Patton,
to whom any possible credit must be
given.

Yours truly
W. L. Wright

P. S.

The heather I am compelled to omit
today. W.

175/16 576

Boston

June 26th 1846

Dear Doctor

I cannot show myself up
to the requisite degree of impudence to go
before a respectable audience & give an address
such as I find mine would be if
carried out in the style which I have
commenced. After leaving you I sat
down under the delusion that I should feel
like complimenting it, but on reading it
over found that I was altogether too
jealous, to be interesting to those who were
destined to hear it, or in any ^{way} creditable
to myself.

I am really not in order for any
such work. I must therefore beg leave to
decline the honor — at the same time
regretting that I should have held you
in uncertainty —

Yr truly yours

J. Wapner.

Prof G. ,
Jc. University.

Miss

Dr. J. J. D. J.

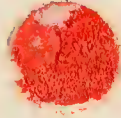
Prof. Dr.

Prof. Dr.

St. University

Cambridge

1871



J. Hyman

T. Hyman

Green Hill - N.Y.

Jan 30th 1861

The 150 dollars was paid by Mr Cunningham
Dec 2nd 1850, for which I have given you
receipt —

My dear Dr

Has by your kind note of Jan 3rd
3rd been duly received, & the intelligence that
you were recovering so rapidly from the effects
of the injury received from your fall, was the
source of no little satisfaction to your friends
here. How you escaped without more
serious injury, is certainly not to be accounted
for on the strength of any extraordinary measures
taken by the crew of the steamer, nor from a
want of sufficient depth of fall. Your escape from
a fatal injury seems but little short of the miraculous.

The citation to Smithsonian's notices
Hyman's & Lyell's articles are completed & sent to
Washington. The unpublished Political article

state remains — The end of the line has been reached
from 8 o'clock on the 1st of the month, but is still
subsidized — from the Plowton Wrightman end,
I have no doubt, go to perfect silence at the
events I have received nothing of the evening,
from Washington.

As to matters in Cambridge every thing
is as usual, the only subject of general interest is
the probable refection of Bowen by the board of overseers.
I say probable, because nothing being definite is known
as to the matter, yet as so far as his position
has been considered, the odds are apparently a little against
him. His position is the result of a strange juncture of
circumstances, partly political & partly growing out of
his view of the Hesperian question, which not strange
as it may seem, will have, or at least will have, no
little effect. Cooke's appointment to the
Eoving Professorship of Chemistry, after his doubtless
of, has kept from his own work as he is now
in London. Some dissatisfaction has been expressed
relative to the choice especially attributable perhaps
to the existence of several chemists who are more known,

older, & who have given more decided indications
of proficiency than B. He is however, industrious
zealous, & I believe a conscientious laborer in the
department, but it still remains to be seen, how
far he will cleave for himself — I have great confidence
in his disposition & ability, but still cannot but feel
that cooperation have incurred some risk in the matter.

The scientific school flourishes in the Dept
of Chemistry & Engineering. Hargrett had five special
students — Hargrett & Everts about 25 each.

I have had Holden chapel refitted in a very acceptable manner
& have now a good lecture room, dissecting room & museum
the last two occupying the lower floor, & the lecture room
the whole of the upper. I gave a special course on camp
and last term to 17 students, & have engaged as special
students for next term. I have added largely to the museum.
I think by another year that I can afford good facilities for
my department. The college however has not yet
appropriated a single cent for me, except for the repairs
to the Chapel, which they now use for the lecture room,
for other purposes — They attempted to impose upon
me, a few days since, & the imposition was only avoided
by vigorous opposition. In order to accommodate Mr
Cooke during his absence, it became desirable to substitute
for his exercises ~~some~~ ^{some} of some other department
& after looking round, the President of the C's suggested
concluded to

un-prepare me into the service - & actually arranged to have
me give two years Zoology instruction during the next
term, & even went so far as to talk about employing
some one else if I did not submit - The injustice of
course was at last made apparent to them, & abandoned. But
such are the impressions that are produced upon our
pupils - - Among themselves Poines light &
spiritual rappings attract the most attention. Poines
avoids all examination by scientific men, & is generally
regarded as an impostor - though many one still cling in
the faith of his success. Spiritual rappings - "oh the go"
one may communicate with an departed with the greatest ease.
Dr Franklin has been found, but when scientific questions
are put to him - he is generally ~~being~~ occupied in a distant
part of the Universe, but is expected back quite soon. He
says he has been investigating electricity, & suggested to
Morse & others the telegraph & other applications of science -

If you can spare him to drop me a line I should
like to get the address of Melville the one who wrote up the
Book, & should be glad to learn something of his
scientific reputation, he is somewhat antagonistic to
Owen, but as I believe highly esteemed - Falmers
address I should likewise be glad to obtain. He is
a popular collector -

I have written you a rambling sort of
letter, but it must in fact be attributed to the death of
Cambridge news. Miss Norton is married, receives
her family next Monday evening, & lastly, I am married
myself & occupy the house opposite. Some fellows &
lately occupied by Brown - As ever yours S. W. May

lowest stratum of shells. But no such
overflow is now known; raise the
water ten feet & nearly the whole
habitable part of E. & G. basin will be
submerged. I do not know what else
to look for but drifting sand. For the
alternations are too regular & there
are not enough of them, if they extend
through long periods — However
the appearances are to be explained, a
careful examination of the whole
section on its face & by excavations
revealed the existence of the bones of
animals as in the other mounds
& of charcoal in connection with
coloured shells, but apart from
the surface not a particle of pottery
which in other places ~~of~~ of
similar nature existed in surprising
quantities — Here then the only
indications of man was the burned
bone & charcoal, which certainly
would not place the views expressed
beyond cavil. Fortunately I

J. Myrman

Jacksonville Fla March 29 67

Dear Gray.

I have long been intending
to write to you but have put it off until
until I could say as definitely as possible
what my excursion has led to — I am,
for no reason, glad that I did so since the
last conversation made is a most satisfactory
one. The burial mounds for which
I expected so much have yielded little
a nothing of any consequence — If these
were to give me the only results, it were
better, as far as the interests of science
are concerned, that I should have staid
at home. The real interest has been
in the shell mounds of which I
have examined twenty, scattered
along the banks of the river, over
a space of nearly two hundred miles.
The variety of fresh water shells, *Paludina*
cheppellana, *V. ligata* — They cover areas

from a few square rods to two or three acres, & are from a few inches to ^{or were eighteen} fifteen feet in thickness, in fact forming the highest land above Pilatka in the upper St. Johns. They have so much the appearance of geological formations, & certainly deposits, that they have, in so far as I can find out, been universally so considered. It was long before I could entertain the idea that they were not. But after much use of the hoe & spade much labour & sweat, I have obtained as I believe satisfactory information, that they were formed in the human epoch or that man existed in their epoch.

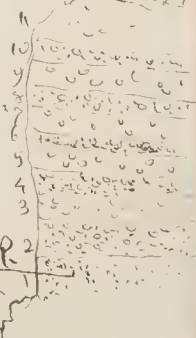
The general upshot of the whole matter is this; I have found the bones of the deer, soft shelled turtle, wild turkey & of other edible animals scattered through these heaps, in many places from the top to the bottom; in addition to these pottery, ^{ashes} & charcoal. Several

places I found the bones burned, the shells in which the charcoal rested contained & around them fragments of pots. There but were still sooty & in none were one case the carbonised contents adhered to the inner surface. But the climax of the whole came only two days ago, at a place above Pilatka where we camped called "Horse Landing." Here was a river, six feet high, into which the river had ~~been~~ cut its way, rising above the water was a clean vertical section.

1 debris of the bank only a few inches above the water.

2 Fine sand, somewhat consolidated with a few fragments of shells in the upper part.

3 to 11, as seen in one place, were successive alternations of strata consisting of shells above, & of shells mixed with sand.



The sand ^{appeared} to be sedimentary, & the strata of sand & shells were such as could be accounted for by overflows of the river. When I was at the spot the water was high, but not within four feet of the

asked Mr. Peabody, one of my companions
is a most accurate & careful observer to
witness the removal of several pieces of bone
& charcoal from the deposits. As we
passed along the face of the bluff near
the water, he called my attention to
something projecting from the lime
sand below the shells (it be in the
section). We carefully examined it
before removal to see that it was "in
place". I then picked it out with
my knife, when the work of man
appeared in flint; & so he indicated
this camp. On the top of the bluff
is a live-oak 3 ft in diameter. On
the top of other bluffs, as at ~~Black~~
Springs, below Lake Monroe, I
have seen ~~them~~ 5 & 6 ft in diameter.
These ^{last} trees, I suppose, began to grow
before ~~the~~ or not far from the coming
of the white man. The absence of
pottery in the above described bluff
can not explain. When the bluff is

compared with the others it is, in this respect, anomalous, nevertheless Shalieu man was there as the bluff says - I have many large collections, which will illustrate each of the localities, & trust they will prove valuable to the Museum, to which I intend to present them. & for which I made them. I shall leave on Saturday for St John's Bluff at the mouth of the river when there is a mound of Oyster shells, clearly the work of the Indians, & then go home as fast as steam will take me - I have been in the woods for about six weeks & have found camp life in these regions enjoyable beyond description, I send you "house to a tent", or, as we have several times done, to the "chamber with a blue ceiling" & your clothing to shirt & trousers, sets you free.

With kind regards to Mrs Gray,
always & sincerely yours
S. Weyman